

SMOKE SIGNALS

For Radio Amateurs • By Radio Amateurs

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In this issue..

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Hams maintain flood efforts

North Dakota Section Manager Bill Kurtti, WC0M, reports that the need for ham radio assistance "is pretty well over" in that state's flood zones along the Red River, but some hams continue on duty. "People are going back home to clean up the mess and, for many, it will require a new start," Kurtti said. In some cases, he said, homes and jobs are gone.

Kurtti said hams continue to assist the Salvation Army with flood recovery efforts, and he plans to visit the station in Grand Forks. He said the Salvation Army station has continued to be very busy.

The Salvation Army's presence has become more long term as the organization continues to operate four canteens to feed those displaced by the flooding and looks toward the clean-up effort. Maj. Jim Garrington in Grand Fork said the Salvation Army has been using ham radio volunteers so the feeding centers can stay in touch with the control center. "They've been just as good as gold," he said of the ham-volunteers. "It's been a real, real fruitful relationship." The relief effort is feeding upward of 2700 people a day (one of the Salvation Army staff members at the Grand Forks center is Capt. Cliff Mackey, KB0TXE, of Leavenworth, Kansas). Garrington said some hams are doing double duty--helping with driving or serving meals as well as with communication needs. He said the need for volunteers in general -- not necessarily hams--is "huge." Both Kurtti and Garrington anticipate the need for ham radio assistance will increase once evacuees are allowed to return to their homes and the cleanup gets into full

swing.

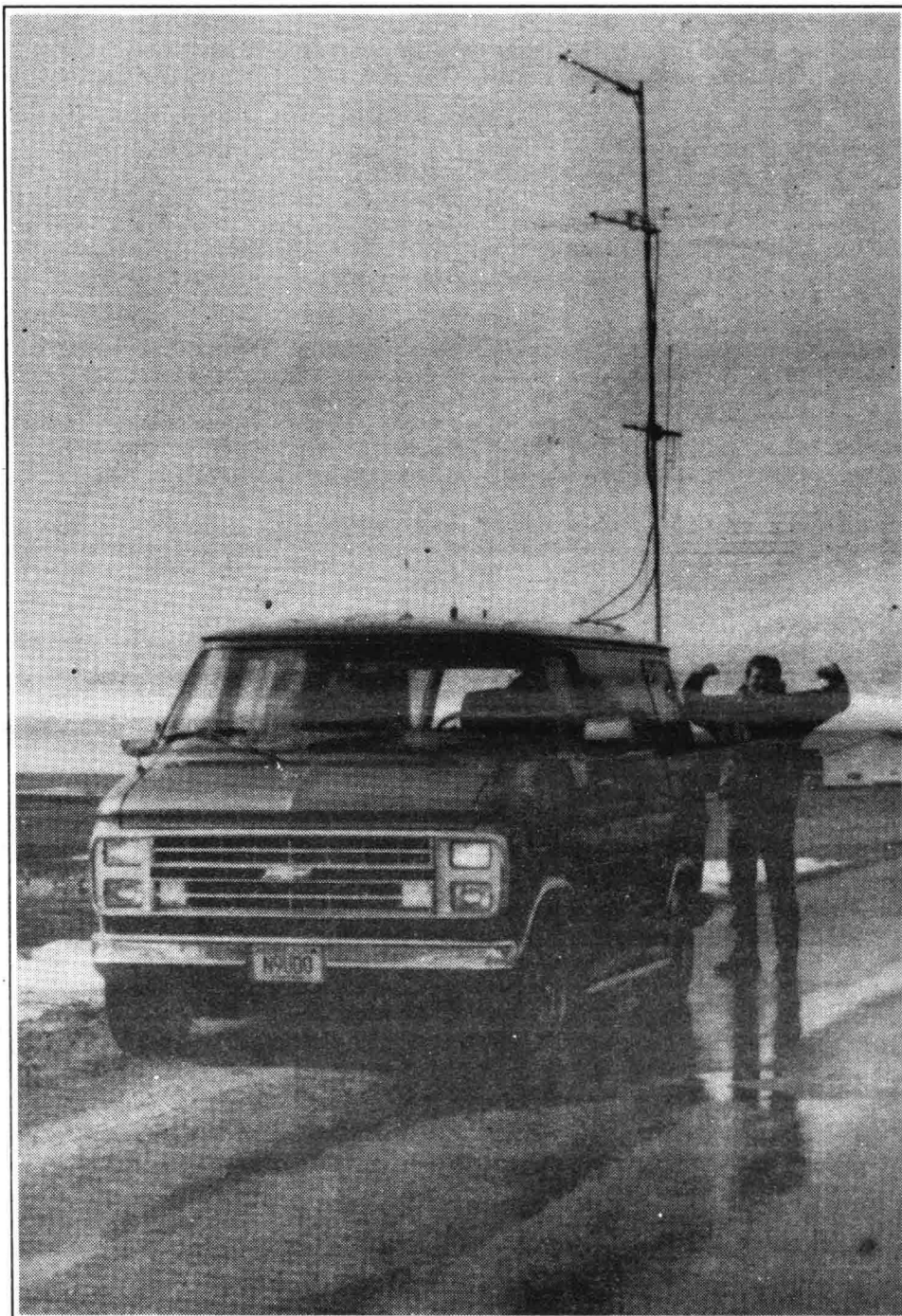
Minnesota SEC Gary Peterson, N0ZOD, his wife, Gladys, KB0TUT, and several other hams from Southeast Minnesota visited the flood zone earlier this month. He described a communication facility at the Crookston, Minnesota, Salvation Army distribution center that "consisted of a small operating position with a dirt floor in a dark, cold corner of the warehouse," where local hams staffed the center all day long. The group included several newly licensed hams. Peterson said East Grand Forks, Minnesota, ARES members at one point even dispatched fire units in that city when the 911 system went down.

Peterson cited several clubs for special mention, including the Rochester ARC, the Winona ARC and the Redwing ARC. Overall, it's estimated that hundreds of hams pitched in during the flood emergency and recovery effort. Peterson also had words of praise for East Grand Forks (Minnesota) ARES EC John Engle, WA0LPV, and Grand Forks (North Dakota) ARES EC Gerald Nies, N0NGW, who manned ARES operations from their respective positions on opposite sides of the Red River during the flood.

Peterson said he was impressed by the dedication and hard work hams were putting out to help others, taking time off from their jobs and using their own gear. "It is such a pleasure to be associated with these people," he said.

The ARRL Letter, 5/9/97

Beam us out, Scotty!



KA9QFJ/mobile won in the Multitransmitter/Multi operator Novice category in the 1997 Wisconsin QSO Party. In the photo, Bill Hommell, KA9QFJ, takes a stretch break in La Crosse County. As the photo shows, they had lots of antennas. Unfortunately, until they worked their way toward the east, they didn't tally many QSOs, finding very on 2 meters or 440 in LAX County.

Photo courtesy Bill Hommell/KA9QFJ

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FIELD DAY 1997

June 28 and 29

See QST for details

Send photos to ARRL with your entry, and photos to BSSS!





WHAT'S HAPPENING

✕ Swapfests and Other Social Events ✕ Club Meetings
✕ Amateur Radio Exam Schedules

EDITED BY KENNETH A. EBNETER, K9EN, 822 WAUONA TRAIL, PORTAGE, WI 53901

Swapfests and Other Social Events

SUNDAY, JUNE 1, 1997. Princeton Hamfest, Bureau County Fairgrounds, Princeton, IL. Contact: Starved Rock Radio Club, c/o KU9A, 1153 Union St., Marseilles, IL 61341-1710.

SUNDAY, JUNE 8, 1997. The Central Wisconsin Radio Amateurs will hold their 20th annual Swapfest and Auction at the Junction City, WI Village Park. This is a NEW LOCATION. (Formerly held in Stevens Point.) Contact: John Feltz, WA9LWJ, CWRA Swapfest Chairman, 973 East First Street, Junction City, WI 54443-9614. (715) 457-2506. e-mail: jfwa9lwj@t3net.com

SUNDAY, JUNE 8, 1997. Six Meter Club of Chicago, Inc. Hamfest, DuPage County Fairgrounds, 2015 Manchester Rd. (North of Roosevelt Rd. (Rte. 38), East of County Farm Rd.), Wheaton, IL. Contact: Six Meter Club of Chicago, 7109 Blackburn Ave., Downers Grove, IL 60516. (708) 442-4961.

SATURDAY, JULY 12, 1997. South Milwaukee ARC Swapfest. American Legion Post 434, Oak Creek, WI. Contact (414) 762-3235.

SATURDAY, JULY 12, 1996. Eau Claire ARC Swapfest, Eau Claire County Fairgrounds, Eau Claire, WI. Contact PO Box 1867, Eau Claire, WI 54701, Carol Ceraso (715) 723-9205 or Liz Searing (715) 834-1303.

SUNDAY, JULY 13, 1997. Fox River Radio League, Waubesa Community College, Route 47 at Harter Rd., Sugar Grove, IL. Contact: FRRL, PO Box 673, Batavia, IL 60510-0673.

SATURDAY, JULY 26, 1997. Rockford (IL) Amateur Radio Association Hamfest. Winnebago County Fairgrounds, Pecatonica, IL. Contact: RARA, PO Box 8465, Rockford, IL 61126-8465. (815) 399-9233.

SUNDAY, JULY 27, 1996. Racine Hamfest, Racine, WI. Contact RMC, PO Box 3, Racine, WI 53401.

SUNDAY, AUGUST 3, 1997. HAMNIC: Marshfield Area Amateur Society will be holding their 6th annual picnic, potluck, swapfest in Wildwood park, Marshfield, WI. Gather around 11:00 a.m. All welcome. Contact Guy A. Boucher, KF9XX, 107 West Third St., Marshfield, WI 54449. (715) 384 4323.

PACKET: KF9XX@W9IHW.WI.USA.NA. e-mail: guyboucher@t3net.com

SATURDAY, AUGUST 9, 1997. CIRCUS CITY SWAPFEST, Sauk County Fairgrounds, Baraboo, WI. Vendors, tail gate area, free parking, concessions, camping. \$5.00 (\$4.00 advance), \$5.00 per table (8 foot). Contact Steve, N9UDO, at (608) 356-4777 (voice or fax). steven9udo.baraboo.com. or Bill, N9KXX at (608) 643-6453 (evenings), (608) 643-6908 (days), (608) 643-8850 (fax).

SATURDAY, AUGUST 23, 1997. NORTHWOODS HAMFEST, Sugar Camp Town Hall, Rhinelander, WI. Contact: Mary Berger, NS9Q, 367 Lois St., Rhinelander, WI 54501. (715) 362-9296.

SUNDAY, AUGUST 24, 1977 Woodstock '97 Hamfest. McHenry County Fairgrounds, Woodstock, IL. Contact: Tri County Radio Group, PO Box 3107, Skokie, IL 60076-6107. Voice/Fax (847) 658-1678.

SATURDAY, SEPTEMBER 6, 1997. W9DXCC Convention & Banquet, Holiday Inn, Rolling Meadows, IL. Contact: Chairman, Phil Camera, KB9CRY. (708) 343-1696, FAX (708) 343-3494

SATURDAY - SUNDAY, SEPTEMBER 27-28, 1997. RADIO EXPO 97, Lake County Fairgrounds, Grayslake, IL. Contact: Chicago FM Club, PO Box 56724, Harwood Hts, IL 60656-0724. (708) 457-0966.

SATURDAY - SUNDAY, SEPTEMBER 21-22, 1997. Peoria Superfest '97 at Exposition Gardens, Peoria, IL. Contact: SUPERFEST '97. PO Box 3508, Peoria, IL 61612-3508.

SATURDAY - SUNDAY, NOVEMBER 15-16, 1997. Fort Wayne Hamfest at Allen County War Memorial Coliseum Exposition Center, Fort Wayne IN. Contact: ACARTS, PO Box 10342, Fort Wayne IN 46851. (219) 484-1314.

SUNDAY, JANUARY 11, 1998. 26th annual Midwinter Swapfest, sponsored by the West Allis Radio Amateurs Club, Waukesha County Expo Center Forum, Waukesha, WI. Contact WARAC Swapfest, PO Box 1072, Milwaukee, WI 53201.

SUNDAY, JUNE 7, 1998. Adams county hamfest scheduled for June 1, 1997 has been canceled. Plans are already in place to put forth a much larger and expanded Hamfest next year.

See also the back page and flyer ads for additional information on many of these events.

Let us know of your dates as soon as you know them. We will list them and perhaps help avoid conflicts with other events.

As a service to our readers, this section of Badger State Smoke Signals is available without

charge to list your upcoming Swapfest, Hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas. Send information on your event to Kenneth A. Ebneter, K9EN, 822 Wauona Trail, Portage, WI 53901. In addition, space is available at attractive rates on our advertising pages. For information on rates and requirements for our advertising pages, please contact K9ZZ or K9EN.

Due to space limitations we cannot always carry the full listing of Wisconsin and area club



CLUB MEETINGS

meetings. Please save the following listings for your future reference. We hope to have the full listing at least three times a year, and will carry any changes or additions between full listings.

ARROWHEAD RADIO AMATEUR CLUB, INC.
(Superior, WI)

The monthly meeting of the ARAC is held on the second Tuesday of the month at the WITC Conference Center, 600 N. 21st Street, Superior, Wisconsin, at 7:30 p.m. Board meetings are held prior to the regular meeting.

BADGER AMATEUR RADIO SOCIETY
(W9YT - U. W. - MADISON)

Monthly while school in session - 2nd Tue. - 5:30 p.m. - B-265G, Electrical Engineering Bldg. For more information call (608) 262-1142.

CENTRAL WISCONSIN RADIO AMATEURS, LTD.
(STEVENS POINT)

Second Wed..

EAU CLAIRE AMATEUR RADIO CLUB

2nd Tue. - 7:30 p.m. - Parks and Recreation Bldg., Oxford and 1st Streets, Eau Claire. Hams, guests welcome. Travelers welcome on wide area club repeater K9UXP, 146.31/91.

FALLS AMATEUR RADIO CLUB, INC

The Falls Amateur Radio Club, Inc. meets the last Wednesday of the month at the Bank One building in Germantown, WI at Pilgrim and Mequon Roads. The doors open at 7:00 p.m. and the meeting will begin at 7:30 p.m. !!GUESTS ARE WELCOME!!

FOUR LAKES AMATEUR RADIO CLUB (MADISON WI)

First and third Tues - 7:30 p.m. - Red Cross Bldg., 4860 Sheboygan Ave., room "C" downstairs. It is the next building west of the Hill Farms State Office building. The meetings start promptly at 7:30 pm.

FOX CITIES AMATEUR RADIO CLUB

Third Mon. - 7:00 p.m. - Roosevelt Jr. High School, 318 E. Brewster St., Appleton. Info: (414) 766-3886.

GREATER MILWAUKEE DX ASSOCIATION

Fourth Monday of the month at 7:30 p.m. Contact any GMDXA member or Gary Schwartz, K9GS, (414) 363-4439, garyk9gs@solaria.sol.net, K9GS@WA9KEC.WI.USA.NOAM, Packet cluster: NB9C, for meeting location.

GREEN BAY MIKE AND KEY CLUB

Second Thur. 7:30 pm - Media Services area of the J. M. Science Building at St. Norbert College in DePere.

GREEN FOX AMATEUR RADIO CLUB Third Mon. -

7:30 p.m. - Green Lake Town Hall, int. of county hwy. K and N.

KETTLE MORAINES RADIO AMATEURS

Second Fri., 7:30 p.m. at the Waukesha County Technical College, Campus Science Building, Room 102. Talk-in on the N9KS 147.39 repeater.

LAKESHORE RPTR. ASSN.

Last Tue., Jan., Apr., Jul., & Oct., 7:30 p.m. Red Cross Bldg., 4521 Taylor Ave., Racine, WI.

M & M AMATEUR RADIO CLUB

General meeting held second Thursday each month at 7:00 p.m. in cafeteria of BAMC basement, Tenth Ave., Menominee, MI. All amateurs and guests are welcome. Use the 147.000+ repeater. Our net is Sunday at 7:00 p.m. on the repeater. Our address is P.O. Box 1082, Marinette, WI 54143.

Badger State Smoke Signals

Amateur Radio
Education and Information

CHAIRMAN: Kenneth A. Ebneter, K9EN, 822 Wauona Trail, Portage, WI 53901. Telephone (608) 742-3560.

EDITOR: Jim Romelfanger, K9ZZ, 412½ Ash Street, Baraboo, WI 53913. Telephone (608) 356-4031. InterNet e-mail: smokesigs@baraboo.com

TREASURER: Jim Decker, WB9UQT, P.O. Box 337, Baraboo, WI 53913-0337.

EDITORIAL BOARD: Ken Ebneter, K9EN; Dave Knaus, WA9POV; Don Evenson, K9JYX; Jim Romelfanger, K9ZZ.

Subscriptions

1 year	(12 issues)	\$12.00
2 years	(24 issues - save \$2.00)	\$22.00
3 years	(36 issues - save \$4.00)	\$32.00

Special club package reduced rates are available. For information, contact Ken Ebneter, K9EN.

When to Send It

The closing date for each issue is the first of the month for the next month's issue. For example, the closing date for the June issue is May 1. The only exception is for participating clubs. Participating clubs are requested to send their material no later than FIVE DAYS after the club's meeting. For example, if a club meets on the 4th of the month, the material should be sent no later than

the 9th of that month. This material is to be sent to the Editor.

Where to Send It

Address changes and corrections should be sent to Ken Ebneter. Editorial material, photographs, feature articles, display ads, and exchange papers should be sent to Jim Romelfanger.

Inquiries about advertising should be directed to Ken Ebneter. Club, swapfest, and Test Point information should be sent to Ken Ebneter.

Swapfest ads should be sent to Jim Romelfanger. Subscriptions should be sent, with check or money order, to Jim Decker.

Conditions for Reprinting or BBS Posting Material from Badger State Smoke Signals

Permission is hereby granted to reprint articles or posting articles on radio or telephone bulletin boards from *Badger State Smoke Signals*, providing credit is given to the original author, publication in which the article first appeared, and to *Badger State Smoke Signals*. **THIS CREDIT IS MANDATORY, AND NO MATERIAL MAY BE PRINTED OR POSTED UNLESS IT IS GIVEN.**

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Badger State Smoke Signals is incorporated as a Wisconsin non-stock, non-profit organization.

Editorial Disclaimer

The opinions expressed in editorials, guest editorials, columns, articles, and letters from readers are the opinions of the authors only, and do not, unless otherwise stated, express or imply endorsement by *Badger State Smoke Signals*, or by any other individual or organization.

MANITOWOC COUNTY RADIO AMATEURS

Directors Meeting: First Wed. Held at 6:30 p.m. in the basement, Manitowoc City Hall, 817 Franklin St., Manitowoc.

General meeting: Second Wed. Held at 7:30 p.m. at Associated Manitowoc Bank, corner of 10th and Franklin Streets.

MILWAUKEE RADIO AMATEURS CLUB

Last Thursday evening, Redemption Lutheran Church, 4057 North Mayfair Road, Wauwatosa 53222. Meetings begin at 7:30 p.m. 12 months of the year.

NORTHWOODS ARC (RHINELANDER WI)

Third Tue.. Doors open at 7:00 p.m. Meeting at 7:30 p.m. South Park School, Rhineland, WI. Talk-in on 146.94/.34. All interested visitors to the Northwoods are welcomed.

OZAUKEE RADIO CLUB

Second Wed. - 7:30 p.m. - Grafton Multipurpose Senior Center.

QCWA - WISCONSIN CHAPTER #55

Contact Erwin Froelich, W9RZW, Treasurer, Rte 1 Box 177D, Pine River WI 54965. For information about meeting dates or joining QCWA Chapter #55. The Wisconsin Chapter holds Spring and Fall dinner meetings.

QCWA - SOUTHEAST WISCONSIN CHAPTER #162

Meets third Mon. monthly, 7:30 p.m., Around the Clock Restaurant, 3012 Rapids Drive, Racine.

RACINE MEGACYCLE CLUB

Second Mon., 7:30 p.m., Red Cross Bldg., 4521 Taylor Ave., Racine, WI

RED CEDAR REPEATER ASSOCIATION, INC.

Saturday coffee at Hardees in North Menomonie, corner of Highways 12 and 25 at 9:00 a.m. Social hour on 4th Tuesday at 7:30 p.m. at The Peppermill Too, 1414 9th Street in the L-Mart shopping center, for the months of January, March, April and September through November. Guests welcome.

RIVERLAND AMATEUR RADIO CLUB

First Tue. - 7:00 p.m. - Onalaska Community Center, Onalaska WI.

ROCK RIVER RADIO CLUB

Monthly - first Tue. - 7:00 p.m. at Dodge County Sheriff's Department, 141 N. Main, Juneau, WI. ARES Net: 146.04/146.64 Mondays at 7:30 p.m. Sat.s on 7277 KHz at 10:30 a.m.

SHEBOYGAN COUNTY AMATEUR RADIO CLUB

Second Tue. - 7:00 p.m. - Sheboygan Red Cross/Boy Scout Bldg., 2032 Erie Ave.

SOUTH MILWAUKEE AMATEUR RADIO CLUB

First Wed. - Legion Post 434, Shepard Ave., Oak Creek WI. Auctions in March and October.

ST. CROIX VALLEY RADIO AMATEURS

HUDSON

Club meetings are held on the third Tuesday of each month at the St. Croix County Emergency Government Center on Charmicael Road in Hudson, WI. A short business meeting begins at 7:30 p.m. followed by the program. Talk in is available on the 145.130 MHz repeater. All are welcome!

TAYLOR COUNTY AREA AMATEUR RADIO CLUB (TCAARC)

MEDFORD

Usually the 1st Thur. of the month at 7:00 PM sharp. Usual location: emergency government meeting room/Red Cross office, basement of Sheriff's Annex to Taylor County Courthouse, 2nd and Ogden Sts., Medford, WI. Talk-in on 147.15 (+600) repeater. Amateurs & guests are welcome. ARES Net, Wed. nights at 8:30 PM on 147.15 (+600) repeater. For info contact: Mike Schoenfuss, N9GHZ, P.O. Box 401, Abbotsford, WI 54405, phone (715) 223-3996.

TRI-COUNTY AMATEUR RADIO CLUB

Meetings held at members homes. Usually monthly on Sunday afternoon. Contact: Glenn Eisenbrandt, (414) 563-6502 or John Saterlee, (414) 563-6381.

WASHINGTON COUNTY AMATEUR RADIO CLUB

Second Thursday, 7:30 p.m., Washington County Court House. Net on Thursdays at 7:30 p.m. on 146.73.

WATERTOWN AMATEUR RADIO CLUB

First Thur. of the month at 7:00 p.m., The Watertown Public Library, 100 S. Water St., Watertown, WI.

WAUPACA AMATEUR RADIO CLUB

First Sat. in March, June, September and December, at 9:30 a.m. at the Waupaca Fire Station in downtown Waupaca.

"CQ First Tue." - A social gathering and dutch treat luncheon at the King's Table in King, WI, on Highway QQ just south of highways 10 and 54 on the west side of Waupaca.

WEST ALLIS RADIO AMATEUR CLUB

Second Tue. - 8:00 p.m. - St. Peters Episcopal Church, 7929 Lincoln Ave. Entrance is at rear of building on alley.

THE WINNEBAGO AMATEUR RADIO CLUB

(Formerly the Oshkosh Amatur Radio Club)

The Winnebago ARC welcomes all Amateurs and interested persons to join us at the Oshkosh Armory on Armory Place, Oshkosh, WI. Meetings are held the third Sunday each month at 1600 hrs. Talk in on 147.24 repeater.

For further information contact KB9IME, Dan Lenz, at (414) 233-7145.

WISCONSIN ASSOCIATION OF REPEATERS

Meetings are held Quarterly, with time and location to be announced. Repeater licensees, trustees, and sponsors are urged to attend W.A.R. meetings. All interested parties are welcome, as well.

WISCONSIN RAPIDS AMATEUR RADIO CLUB

Third Wednesday, 7:00 p.m. in room 114 of the Wood County Courthouse. Talk-in on 146.79 for entry into the building.

WISCONSIN VALLEY RADIO ASSOCIATION (WAUSAU)

First Tue. - 7:30 p.m. - Location varies; info on 146.04/64, Wausau.

YELLOW THUNDER AMATEUR RADIO CLUB (BARABOO)

Days rotate: All meetings will be at the Baraboo Civic Center, room 14, unless otherwise noted in the YTARC minutes. Starting time for the monthly club meeting is 7:30 p.m.. The program start time after the meeting is 8:00 p.m., with a one hour limit.

Let Badger State Smoke Signals know your club's meeting dates, and we will let our readers know of your meetings and activities. There may be Amateurs in your area interested in joining your club, or members of other clubs interested in making an interclub visit.

The Test Point



Amateur Radio Examination Locations and Schedules in the Wisconsin Area

June 07, 1997	Hudson, WI
June 07, 1997	Appleton, WI
June 07, 1997	Oshkosh (Omro), WI
June 07, 1997	Racine, WI
June 07, 1997	St. Paul, MN
June 12, 1997	Apple Valley, MN
June 14, 1997	Blaine, MN
June 14, 1997	Bloomington, MN
June 14, 1997	Madison, WI
June 14, 1997	Marshfield, WI
June 14, 1997	Oak Creek, WI (MRAC)
June 14, 1997	Medford, WI
June 17, 1997	Eden Prairie, MN
June 21, 1997	Redgranite, WI
June 21, 1997	Cottage Grove, MN
June 21, 1997	Loves Park, IL
June 21, 1997	Milwaukee, WI (BE)
June 28, 1997	Tomahawk, WI
June 28, 1997	Friendship, WI
July 05, 1997	Oshkosh (Omro), WI
July 05, 1997	St. Paul, MN
July 08, 1997	Apple Valley, MN
July 12, 1997	Blaine, MN
July 12, 1997	Bloomington, MN
July 12, 1997	Madison, WI
July 12, 1997	Oak Creek, WI (MRAC)
July 15, 1997	Eden Prairie, MN
July 19, 1997	Cottage Grove, MN
July 19, 1997	Loves Park, IL
July 19, 1997	Milwaukee, WI (BE)
July 26, 1997	Tomahawk, WI
July 26, 1997	Wauwatosa, WI (MRAC)
August 02, 1997	Hudson, WI
August 02, 1997	Oshkosh (Omro), WI
August 02, 1997	St. Paul, MN
August 09, 1997	Blaine, MN
August 09, 1997	Bloomington, MN
August 09, 1997	Madison, WI
August 09, 1997	Oak Creek, WI (MRAC)
August 12, 1997	Apple Valley, MN
August 16, 1997	Cottage Grove, MN
August 16, 1997	Loves Park, IL
August 16, 1997	Milwaukee, WI (BE)
August 19, 1997	Eden Prairie, MN
August 30, 1997	Tomahawk, WI
August 30, 1997	Wauwatosa, WI (MRAC)
September 13, 1997	Marshfield, WI
September 20, 1997	Appleton, WI
October 04, 1997	Hudson, WI
October 18, 1997	Redgranite, WI
November 01, 1997	Menomonie, WI
November 02, 1997	Kaukauna, WI
November 15, 1997	Redgranite, WI
December 06, 1997	Hudson, WI
December 13, 1997	Marshfield, WI
December 13, 1997	Redgranite, WI
January 24, 1998	Appleton, WI
Monthly, 1st Sat.	Racine, WI
(except January, July & August)	
Monthly, 1st Sat.	Oshkosh (Omro), WI
Monthly, 1st Sat.	St. Paul, MN
Monthly, 2nd Thu.	Apple Valley, MN
Monthly, 2nd Sat.	Oak Creek, WI (MRAC)
Monthly, 2nd Sat.	Madison, WI
Monthly, 2nd Sat.	Bloomington, MN
Monthly, 2nd Sat.	Blaine, MN

Monthly, 3rd Tue. Eden Prairie, MN
Monthly, 3rd Sat. Milwaukee, WI (BE)
Monthly, 3rd Sat. Loves Park, IL
Monthly, 3rd Sat. Cottage Grove, MN
Monthly, Last Sat. Milwaukee, WI (MRAC)

(except December)

No test on June 28, 1997 (Field Day).

Monthly, Last Sat. Tomahawk, WI

(January thru October only)

Quarterly Marshfield, WI

(Second Saturday every third month.)

Quarterly Eau Claire, WI

(Second Saturday Jan., Apr., & Oct.)

plus annual summer hamfest.)

Many Swapfests/Hamfests offer exam sessions. If not shown above contact the sponsoring club in the Swapfest column on page 2.

The FCC now requires applicants to show their ORIGINAL AMATEUR LICENSE to the VEC. A copy of your license must be attached to your FCC form 610. You will also be required to have a photo ID, or other acceptable identification.

GENERAL RULES

FOR MOST EXAMINATIONS:

Be sure to check with sponsors in the event there are changes and/or errors in the dates or information given.

Some examinations require filing an FCC Form 610 and advance registration at least 30 days before the exam date. (Some VECs permit walk-ins. Check with sponsor.)

To register, you must first secure a copy of the current FCC Form 610 and fill it out completely (AND CORRECTLY). Get your form from an FCC Field Office, the ARRL. Send a 32c/ SASE if you request one from the ARRL. In most cases, forms can also be obtained from the sponsoring group.

ARRL/VEC examinations require a check for \$6.25 payable to "ARRL/VEC".

The FCC now requires applicants to show their ORIGINAL AMATEUR LICENSE or CSCE to the VEC. You must also have two good copies of your license or CSCE. A copy of your license or CSCE must be attached to your FCC form 610 and most VEC want a copy for their records. You will also be required to have a photo ID, or other acceptable identification.

Technician class licensees must show proof of testing before March 21, 1987, in order to upgrade to General with a code test only.

Additional information is given below.

MILWAUKEE RADIO AMATEURS CLUB (MRAC/VEC)

SECOND SATURDAY - OAK CREEK, WI

LAST SATURDAY - MILWAUKEE, WI

Note: No test on June 28, 1997 (Field Day).

SECOND SATURDAY DATE: 1:00 p.m. to 3:00 p.m. at Wauwatosa Savings Bank, 6560 S. 27th St., Oak Creek, WI.

LAST SATURDAY DATES: (except December): 9:00 a.m. to 12:00 noon at Amateur Electronic Supply (AES), 5710 W. Good Hope Rd., Milwaukee, WI. Note: For Additional Information: Call (414) 466-HAMS (Answering Machine).

Bring along your ORIGINAL license, CSCE and one (1) good quality photocopy of each, plus two forms of identification, such a driver's license, etc. Also required is \$6.25 for the exam fee. WALK-INS are welcome. To register in advance, use a post card: Print the grade of license you are applying for, your name, address, and telephone number. Send the card to MRAC/VEC, Milwaukee Radio Amateurs Club, PO Box 25707, Milwaukee, WI 53225.

BADGER EXAMINERS (BE) - MILWAUKEE

Badger Examiners group now testing at AES (Amateur Electronic Supply) at 6th and Good Hope, every third Saturday MORNING. Exam times are not 9:30 a.m. to 12:00 noon, at the old Sterman Printing shop, just 300 feet west of the AES store. Novice to Extra are offered, and all test materials are provided, fee is \$6.25, and bring your original license, or CSCE if needed. Also available are Commercial license exams GROL (General Radiotelephone license), GMDSS, Telegraph, Etc. Fee is \$35.00. For more information call Gary Sharbuno, WI9M at (414) 355-0237.

MADISON, WI

VE exams are held in Madison every second Saturday morning of the month at 8 a.m. They are held at the operations building of the Madison Metropolitan Sewerage District at 1610 Moorland Rd. To get there take the Beltline (Hwy 12 & 18) to South Towne Drive. Go south 8/10 mile till South Towne Drive makes a bend and becomes Moorland Rd. and enter at gate.

You should bring a picture ID, your original licence and a copy of your licence. For exams beyond the novice tests, bring a check for \$6.25, made out to the ARRL/VEC. If the special 610 form with the medical exemption is required, contact me beforehand to obtain one. No appointments are necessary to take exams. For further questions, please leave a message on the mailbox or phone me at (608) 832-6631.

Mark Jenks, N29B

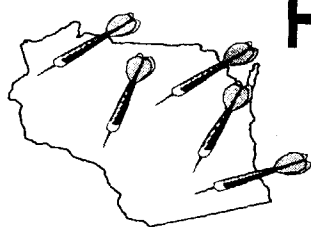
RACINE, WISCONSIN - ARRL/VEC

Monthly - first Saturday, except January, July, and August.

Monthly exams are given 9:00 to 11:00 a.m. at the Red Cross Building, 4521 Taylor Avenue, Racine. Walk-ins are permitted.

Talk in on 147.87/.27. Inquiries and

(continued on page 14)



HERE and THERE

SETI League honors Indiana ham

The SETI League has honored Daniel Boyd Fox, KF9ET, of Bloomington, Indiana, by presenting him with the second annual Bruno Memorial Award for significant technical contributions to the SETI League's Project Argus search for intelligent radio signals from elsewhere in the universe. The Bruno Award honors the memory of Giordano Bruno, an Italian monk who was burned at the stake in 1600 for daring to contemplate the existence of other inhabited planets. Fox has developed a basic radio telescope block diagram that's been duplicated by dozens of other experimenters and built one of the first amateur listening stations. In December, the SETI League reports, he received "an interesting (though unconfirmed) candidate signal" -- among the first detected in the SETI League's Project Argus search. Fox's SetiFox computer program is widely used by project participants.

--SETI League

The ARRL Letter, 5/9/97

Kenwood Service still in business

Despite rumors and reports to the contrary, Kenwood Service Corporation is still very much in business on both coasts, according to Kenwood's Paul Middleton, KD6NUH. Kenwood Service Center West held an open house April 25 at its new location at 13030 Alondra Blvd--No. 104, Cerritos, CA 90703-2257; tel 562-483-8740. The service center moved from Long Beach, California, earlier this year. Middleton said Kenwood Service Corporation is separate from Kenwood Communications Corporation, and the two service centers are "independently operated but chartered and regulated by Kenwood." Middleton, who's Kenwood's national sales manager for amateur and marine products, said the new

Silent Keys

Robert W. ("Pop", Bob) Warner, WB9-UQO, 82, of Lodi, died April 20, 1997 of injuries from a traffic accident in Rockford, IL. Although "old", Bob was never intimidated or discouraged by the newest modes of amateur communication, and was very active on packet. He also enjoyed chatting with friends on the HF bands and working CW. He never looked to ham radio's past - he looked to its future with enthusiasm for its new technology and its possibilities for the hobby and for making more friends.

Young at heart and mind, he was a former member of the Yellow Thunder Amateur Radio Club. He will be missed by many.

Larry Shields, WD9ESU, The Lodi Enterprise, and Jim Romelfanger

Robert R. Baker, KB9LAZ, 55, of Ironton, WI, died unexpectedly May 1 at Sauk-Prairie Memorial Hospital. He was a member of the Yellow Thunder Amateur Radio Club. Memorials of remembrances may be made to the Buck Creek Mennonite Church or to the YTARC.

Raymond Matlosz, N9MLZ, and Baraboo News-Republic

West Coast center employs the same staff that formerly worked for Kenwood at the Long Beach location. No jobs were lost in the transition, he said. Kenwood Service Center East is at 829 Lynnhaven Pkwy--Suite 130, Virginia Beach, VA 23452; tel 757-340-1702.

The ARRL Letter, 5/2/97

Vanity program still popular

During April, the FCC in Gettysburg, Pennsylvania, reports that it received 739 applications for the vanity call sign system: 315 paper and 424 electronic.

The ARRL Letter 5/9/97

FCC proposes, ARRL opposes vanity license fee hike

Last month (April), the FCC proposed effectively raising the fee for a vanity call sign from \$30 to \$50 for the 10-year license term. Now, the ARRL has asked the

Commission to postpone the higher fee until after all four vanity call sign gates have been opened. In comments filed April 23, the ARRL told the FCC that it does not object to the fee increase per se but said that it wants all hams to have an opportunity to request a specific call sign under the current fee schedule.

The fee-increase was among those included for all FCC-regulated services -- including broadcasters and commercial satellite services -- in the NPRM in MD Docket No. 96-186. Under the proposal, the FCC "rounded up" all FCC-imposed \$3 annual fees to \$5 per year -- the lowest fee in the new schedule. The ARRL noted in its comments to the Commission that because projected revenue from the vanity fee increase "significantly exceeds" the revenue needed to cover the costs of administering the program, a delay would be reasonable. The ARRL also asked the FCC to limit the vanity call sign fee to the minimum it needs to recoup its costs to administer the vanity program but "without rounding to a significantly higher fee." The FCC adjusts its fee schedule every year.

The ARRL Letter, 5/2/97

ITU concludes pre-WRC-97 talks

The ITU Conference Preparatory Meeting (CPM) for WRC 97 has just concluded two weeks of deliberations in Geneva, Switzerland. The work of CPM has resulted in the preparation of a 250+ page book of combined technical output from the various ITU study groups as well as the concerns of the member states.

Issues of special interest to radio amateurs that were

Sister Alverna retires from Handi-Hams

This is to announce that Sister Alverna O'Laughlin, WA0SGJ, has retired from the Courage HANDI-HAM System at the end of the month. Her last day in the office was Monday, April 28.

Sister Alverna has worked at Courage Center for 16 years, serving as Educational Services Coordinator in the HANDI-HAM Program. However, Sister's association with the HANDI-HAM System goes back much further than that. She was one of the original member/volunteers when Ned Carman, W0ZSW, founded the program in 1967. Sister was first licensed in 1967 as WN0SGJ, and now holds an Advanced Class license.

Through the 30 years that WA0SGJ has been in HANDI-HAMS, she has helped thousands of newcomers along the path to their licenses, all the while remaining a very active amateur. Sister has a special love for county hunting, and has worked all counties. Now WA0SGJ is a "wild card" for county hunters with similar aspirations, and her call is much sought after as she works HF mobile on her auto trips across North America.

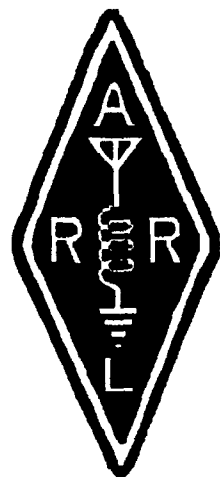
She has received the Humanitarian Award from ARRL for her good work with persons who have severe physical disabilities and sensory impairments.

Last Spring, Sister Alverna was in a car accident while on her way to the Midwest Division Convention, and sustained serious injuries to her leg and ankle. She has spent the past year recovering, but has maintained a part-time schedule at HANDI-HAMS. Her retirement will allow her to concentrate on getting well again, and she hopes to be walking this summer!

Retirement will not keep WA0SGJ off the air! Plans are being made to install her HF and VHF rigs at her new QTH in Rochester, Minnesota soon after she moves there from the Twin Cities.

Sister Alverna may be reached at: wa0sgj@juno.com.

Patrick Tice, WA0TDA
Manager, Courage HANDI-HAM System
handiham@mta.org
<http://www.mtn.org/handiham>
(Thanks ARRL)



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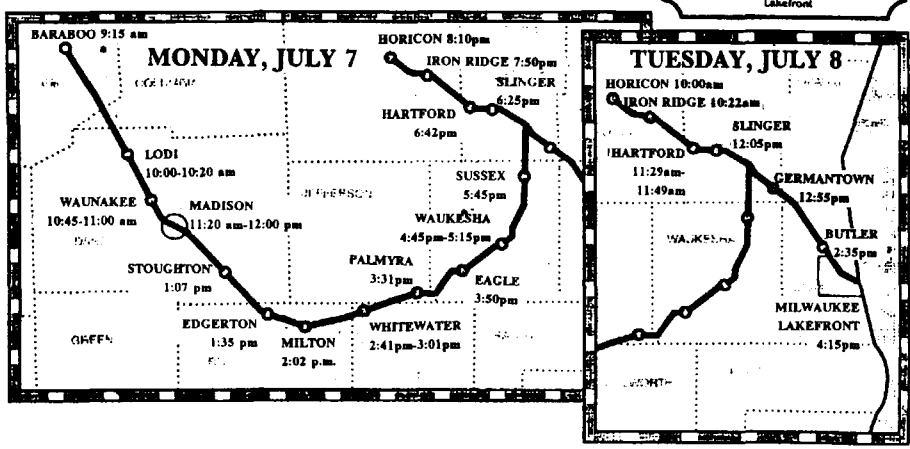
The 1997 Great Circus Train

On July 7 and 8, the world famous Great Circus Train will make its annual Journey of Joy from Baraboo to Milwaukee with more than 50 priceless, fully restored circus wagons for the Great Circus Parade the following Sunday. K9ZZ/Railroad Mobile will operate both days. On July 7, times will be approximately 1400 UTC to 0045 UTC July 8, and on July 8, from 1500 UTC to 1945 UTC. Operation will be on 7.240 and/or 14.240, depending on propagation, and 21.325 at times. For the 2-meter buffs, 146.55 MHz simplex will also be worked. Repeater contacts DO NOT COUNT. The certificate this year will be in full color, thanks to the good people at Amateur Electronic Supply. We ask that, if you work the us, please follow the SASE instructions! To get a certificate for working us, send a 9 x 12" SASE with three units of U.S. first class postage affixed. Outside the U.S., send four IRCs. Send QSL card and SASE to Jim Romelfanger, K9ZZ, 412 1/2 Ash Street, Baraboo WI 53913-2501 USA.

THE GREAT CIRCUS TRAIN

1997 Route and Schedule

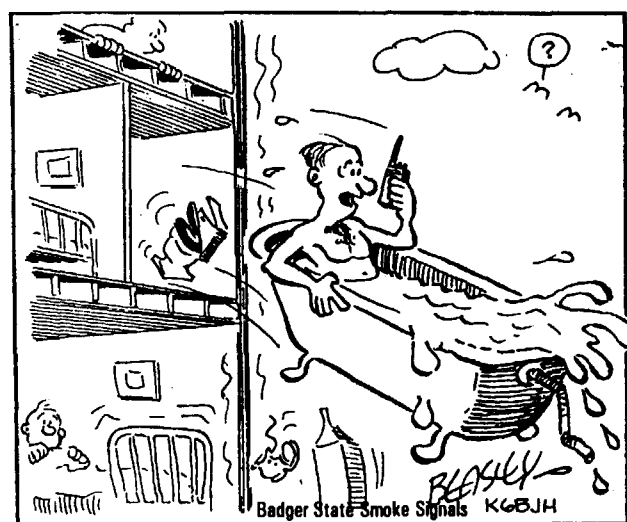
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MADISON	1800 E. Johnson St.
WHITE WATER	Fremont at Whitewater 1st Street
WAUKESHA	Williams Street Between Prairie Avenue and Grand Avenue at Lodge's Restaurant
HARTFORD	Northwest side of Clinton Street off Highway 53 in Hartford
IRON RIDGE	Kingside E. Wisconsin Street at Centennial Park North Avenue & Fourth Street
MILWAUKEE	Italian Community Center Grounds, Harbor Drive, Lakefront

On the Lighter Side

By Bob Beasley, K6BJH



Articles, stories, photos wanted

Badger State Smoke Signals can always use good material for publication. Technical articles, human interest stories involving ham radio, and ham articles with an unusual "spin" are especially welcome. You get the same pay as we do: nothing. Publication of articles and/or photos here does NOT preclude use in a national pub. These should be sent to the editor, address on page 2. Thanks!

taken up in preparation for WRC 97 included the possibility of additional frequency allocations to the Mobile Satellite Service operating below 1 GHz -- familiar to hams as "the little LEO issue." No specific frequencies have been identified in the CPM report for reallocation. Although the report does address a number of sharing possibilities, it makes no mention of sharing with the Amateur Service. In addition, a new concept of "broad allocations" was introduced. If adopted, this concept would result in individual nations being able to identify and allocate frequencies from a broad pool of service allocations. This concept, being quite new and unstudied, only resulted in a call for future studies by the ITU. However, it will be watched closely by radio amateurs as it might have the potential of representing a threat to our bands. It is likely that any such studies will be prolonged over a multi-year period.

Of course, the work of WRC 97 will be guided by specific proposals submitted by individual nations. At present, countries have not yet finalized nor submitted their proposals. Until they do, the amateur community will not be able to accurately assess the threats to our bands for this conference.

Unfortunately, the Little LEOs are not the only new service searching for spectrum. One newcomer is the Earth Exploration Satellite Service's use of synthetic aperture radar (EESS active) for a system of spaceborne sensors designed to collect information about environmental issues and other similar data. A variety of frequencies is being sought, possibly including 430 to 440 MHz. The amateur and amateur satellite service status in this band is somewhat complex, varying by ITU Region and even by individual country. So far, studies of sharing possibilities between the amateur and EESS (active) have not shown them to be compatible because of the interference level experienced when the two classes of stations are within line of sight.

There is also a type of EESS (active) which would make use of 1215 to 1300 MHz which is of concern to amateurs (the amateur allocation is 1240 to 1300 MHz). Studies here show compatibility with some types of services but still represent a potential source of interference to amateur operations.

Over the next 90 days, the various member countries of ITU interested in seeking specific allocations for these services at WRC 97 will be making proposals for the work of the conference.

The ARRL -- as the spokesman for Amateur Radio in the US -- is actively participating in the work of the relevant ITU bodies on these matters along with the IARU.

--Paul Rinaldo, W4RI, and Larry E. Price, W4RA

The ARRL Letter, 5/16/97

IT'S GONNA BE A UPS SEASON

By Stan Kaplan, WB9RQR

105 Martin Drive, Port Washington, WI 53074-9654

(414) 284-9346

WB9RQR @ N9PBY.EN63BI.WI.USA.NA

skaplan@post.its.mcw.edu

Your astute editor K9ZZ suggested I write a couple of extra paragraphs this month concerning power outages, and the possible use of a UPS (uninterruptible power supply). Jim is absolutely correct to be concerned about outages, especially during the coming summer months. It seems that several power generating plants in Wisconsin may be off line simultaneously, and warnings have been released indicating a high likelihood of brownouts (periods of lower than normal voltage) and blackouts (no power at all). We all need to take special precautions this summer to prevent data loss while working with our computers.

A UPS is a box which plugs into the wall. Your computer system then plugs into it. The UPS contains a battery which is constantly charged by an integrated battery charger when the AC mains are hot. True UPSs use the battery to drive an inverter which supplies 110V AC to your computer all the time; this yields an added benefit of constantly conditioning the power that goes to your computer. If the AC mains go dead, the battery still provides current to your computer. However, the UPS's internal battery charger no longer works, so the battery has a finite time that it can keep your computer going. All you need though is a couple of minutes, to save your work and power down gracefully. Note that because a true UPS supplies your computer with power all the time, it will have no "switch time" listed in the specifications. This is in contrast to other less expensive devices which switch to battery supply only when the mains go dead.

True UPSs can be very expensive, and unless you

have a spare grand or two to spend, look for one that can keep your system going just long enough to save your work and quit. A fully loaded computer system (don't forget to include the monitor since you need to see what you are doing) can easily draw over 500 watts. Go looking for a UPS that can handle your particular system for just a couple of minutes.

If you can't afford the bucks for a UPS or similar device, there are other steps you can take to prevent disaster if a brownout or blackout occurs. First, make backups of your data. Use floppies if necessary, and do it now - not next week! Second, save your files often while working (I saved this article at least eight times while writing and editing it). You won't loose much if you save often. Third, make a temporary backup copy on a floppy at the end of each work session.

Finally, take heart. There is no inherent expectation that your machine will be damaged by a power failure. You may loose your work if you haven't saved it, but just loosing power in the middle of a Windows 95/Microsoft Word editing session need not cause a major problem (though the risk of file damage goes up considerably if the loss of power happens in the middle of a save-to-disk operation). Also, if the power goes down, don't forget to turn the computer off (as well as other appliances in your home or business). Damage could occur if your switch is in the on position and later the AC mains cycle on and off several times.

Let's hope that the abbreviation UPS stands for Unusually Pretty Summer. Happy computing!

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JUNE 1997

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No. 43: A Leash for Windows 95

I found it! Thanks to Skip Douglas, KA9DDN, my problems (and, perhaps yours) are solved. Skip and I were sitting next to each other at the Ozaukee Radio Club's weekly Saturday breakfast, when he waxed enthusiastic about a new program he had purchased. As I listened, it became apparent that it might "leash" Win95, and give me the added bonus of painlessly partitioning my 1.6 gigabyte hard drive so that I would not lose all that space due to overhang. I got my own copy, and you know what? It works beautifully! Its called Partition Magic (version 3) by PowerQuest Corporation, Orem, Utah (800-965-7576; www.powerquest.com), but you can also find it in most catalogs and stores that sell software. The list price is \$69.95 (well worth it) but I paid \$49.99 from the Comp USA catalog. I predict this program will hit the top ten in sales within the next year. DOS's FDISK program is history!

Let us suppose you have a 1.2 Gb drive, all one big C: partition devoted to Windows 95, and you have about 200 Mb of data and programs on it. After installing Partition Magic, click on Win95's START, then PROGRAMS, then PARTITION MAGIC BY POWERQUEST folder, then the PARTITION MAGIC 3.0 icon (just follow the very well done manual that comes with the program). A slider bar will appear on your screen, showing the C: partition. The first job is to create space to make new partitions. Slide the bar down to 400 Mb. Your C: drive has just been reduced in size to 400 Mb, and your overhang space has been reduced from 32 to 8 kb! Typically, you have reduced the wasted space on your hard drive from 50% to 10%. That simple!

Next, you need to install Boot Manager, a program from IBM which is included in the Partition Manager package. How do you do it? Click on INSTALL BOOT MANAGER while still in Partition Magic. Easy as pie. Then you tell the program to add your current C: partition to the Boot Manager menu, and to name that partition whatever you like Win95, NewWin or the like).

Now, suppose you want another partition to be plain old vanilla MS-DOS 6.22 and Windows 3.1. While still in Partition Magic, tell it to create another primary partition of 300 Mb, add it to the Boot Manager menu, and name it, perhaps DOSWIN. You now have two separate C: drives, each completely hidden from the other. When starting your machine, you can select one or the other to be active. You can copy the MS-DOS 6.22 and Windows 3.1 files to the DOS partition later.

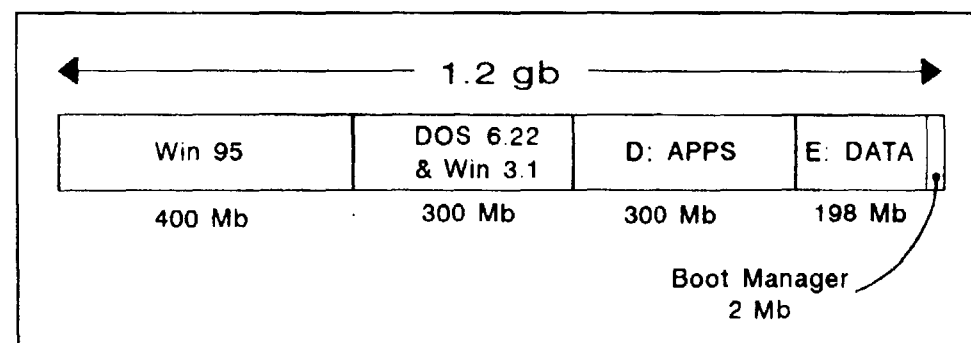
Well, you have used up about 702 Mb so far (400 Mb for Win95, 300 Mb for DOS/Win3.1 and 2 Mb for the Boot Manager). What do you do with the rest? What I suggest (also suggested in the very well written program manual) is that you create two

more extended partitions, a D: and an E: drive. Use D: for programs and applications that can be run from either Win95 or DOS (this drive will be available to whichever C: partition you boot at startup). The E: drive, also available no matter which C: drive you boot, is for data.

I suggest you begin by allocating 300 Mb to D: and the remainder to E:. Its easy as pie. Just tell Partition Magic to create an extended partition of 300 Mb and to name it APPS (applications) or PROGS (programs) or whatever you would like. Do the same for E: with the remainder of the available space and name it something like DATA.

I haven't given you all the details here. The manual that comes with the program is very thorough and will do that job for you. Another step you may need to take is to use the Drive Mapper part of the program to quickly and easily change the drive letter references in all your programs so that once you begin moving your common programs to D:, they will work properly. It will also change the drive letter of your CD ROM so that it will work as expected. Everything possible is detailed in the manual, and I suggest you at least skim it cover to cover before you begin. That will ensure a trouble free installation.

But supposing you do follow these guidelines. What will you have gained? Take a look at the new map of your hard disk below:



First, you will have both Windows 95 and your old DOS/Windows 3.1 on the same machine. You will be able to boot to either one, as you choose, with the benefits of both. Your application programs will be on drive D:, accessible to both operating systems. A big benefit is that your data (spreadsheets, letters - whatever you create) will be on a separate drive (E:). You have segregated your finished work from the programs in a very logical way, and it will ease the backup process significantly. You should remember to back up everything on E: frequently. You will probably even be able to back it up to floppies; it will not be very large. Still another large benefit is that you have gained back huge amounts of space on your drive by reducing overhang from 32 kb to 8 kb (4 kb for drive E:). And the neatest thing of all is that you can later change the size of any of these partitions on the fly, whenever you want to! Just run the program from Win95, move the slider bar as you wish, and its done; just amazing! That means that, as your need change, you can change the proportion of your hard drive given to one partition or another. In other words, you can change the size of D: or E: or either C: drive, without losing data, whenever you like. Total flexibility. That's the way working with computers should be.

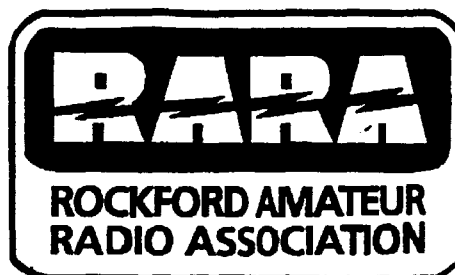
My sincere thanks go to Skip for sharing his discovery with me, and with you. Happy computing!

Reprinted, by permission, from the ORC Newsletter, Ozaukee Radio Club, P.O. Box 13, Port Washington, Wisconsin 53074 (Skip Douglas, KA9DDN, Editor).

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K9VGE *	11	32	15	1	48	0	195	5000	14360	Kettle Moraine ARC
K8NB *	3	23	29	3	55	73	78	1500	13820	Bay Area Wireless Assn
WA9GON *	6	19	12	1	32	23	81	2500	6564	Fox Cities ARC
AA9TV *	8	23	12	1	36	1	101	2500	6208	Fond du Lac ARC
WW1M *	6	11	4	0	15	0	115	2500	4225	Kettle Moraine ARC
N9PBM *	5	11	3	0	14	0	116	1500	3124	Fox Cities ARC
KC9CI *	4	11	12	1	24	0	49	1500	2676	Kettle Moraine ARC
N9LKY *	4	10	5	1	16	0	58	500	1428	Yellow Thunder ARC
N9PQN	4	17	2	0	19	0	67		1273	Four Lakes ARC
KA9JCP	8	15	3	0	18	0	48		864	West Allis RAC
KB9LYM	6	11	1	0	12	0	41		492	Four Lakes ARC
N9VPZ	8	14	1	0	15	0	22		330	Calumet ARES
N9TCF	3	4	1	0	5	0	25		125	Sheboygan County ARC
K9EMG	1	4	0	0	4	0	14		56	Four Lakes ARC

MULTI OPERATOR - MOBILE

NE9U *	9	28	23	1	52	89	80	3500	16916	Central Wisconsin RA Ops: NE9U, N9BCA
W9IEI	7	25	26	0	51	4	230	3000	15138	Fox Cities ARC Ops: W9IEI, WD9FLJ
N9WR	5	25	4	1	30	0	83	1500	3990	Four Lakes ARC Ops: N9WR, KB9LIE

MULTI TRANSMITTER/MULTI OPERATOR - MOBILE

N9EZ *	19	46	30	3	79	310	234	9500	76966	Kettle Moraine ARC Ops: N9EZ, N9KS
W9M	11	31	30	2	63	187	130	5500	37252	Ozaukee Radio Club Ops: W9M, W9LO, WA9JOB, WB9LNL, N9LOO
KF9SJ	11	16	6	1	23	67	123	5500	11411	Sheboygan County ARC Ops: KF9SJ, KB9KMF, N9ZMO

SINGLE OPERATOR - TECHNICIAN

N9SGG *	6	6	1	0	7	0	85	2000	2595	Fox Cities ARC
N9QBU *	Dodge	24	2	0	26	0	93		2418	Fond du Lac ARC
WA9SZH *	Adams	16	0	0	16	0	50		500	1300 Four Lakes ARC
KB9CPZ *	2	3	1	0	4	0	7		28	West Allis RAC

MULTI OPERATOR - TECHNICIAN

KB9LTB*	Sheboygan	10	1	0	11	0	48		528	Sheboygan County ARC Ops: KB9LTB, KB9LYT
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MULTI TRANSMITTER/MULTI OPERATOR - NOVICE

KA9QFJ *	5	14	3	0	17	0	57	1500	2469	Yellow Thunder ARC Ops: KA9QFJ, N9UDO, N9UDX
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MULTI OPERATOR - FIXED

W9SF *	Marinette	52	39	3	94	266	144		63544	Bay Area Wireless Assn Ops: W9SF, KOSN, N9PQU
AA9AO	Outagamie	48	39	2	89	53	363	500	42241	Badger Contesters Ops: AA9AO, ND9Z
WB9JBF	Milwaukee	42	39	3	84	84	302		39480	Ops: WB9UAI, KA9WXN, KF9ZI, NI9E, N9FSE
NI9Z	Fond du Lac	35	36	4	75	125	145		29625	Fond du Lac ARC Ops: NI9Z, KD9ZP
KF9GP	Brown	46	34	3	83	0	299	500	25317	Green Bay Mike & Key Ops: KF9GP, AA900, KA9BLI
WK9M	Waukesha	38	33	3	74	83	160		24124	Kettle Moraine ARC Ops: WK9M, KB9AMG
N9OEQ	Outagamie	43	23	1	67	0	200		13400	Fox Cities ARC Ops: N9OEQ, N9TNW, KB9PKW
K09Q	Sheboygan	34	25	1	60	82	54		13080	Sheboygan County ARC Ops: K09Q, N9IOC

General Comments

If 1996 was a banner year for WQP, then 1997 has to be viewed as a mirror image. 1997 WQP missed last year's highest ever entries by only ONE ENTRY. This year we had 216 overall entries, with 147 from Wisconsin and 69 from out-of-state, including Canada and Paraguay. Logs were received from 26 states and the Provinces of Ontario and Saskatchewan. We also experienced an increase in the number of Categories that were entered. We had entries in 9 of our 12 Categories, compared to 7 last year.

I guess we must be doing some things right. And to the contrary, some things wrong. This year I mention two problem areas:

1) Evidently my comments in last year's WQP RESULTS were not read. The **COMPLETE FILLING IN OF ENTRY FORMS** got even worse this year. There is no way I could summarize the number of Counties, States or Provinces, as a very large percentage did not bother to indicate WHICH SPECIFIC COUNTIES, STATES OR PROVINCES THEY WORKED (the listings of Counties, States and Provinces are provided with the rules). In fact, a number of entries indicated only MULTIPLIERS without a breakdown. The rules do require that "new multipliers be circled (or crossed out) as worked." The purpose of this is to provide a way we can easily match the claimed multipliers with the actual ones from each log AND also to help determine exactly what Counties, States and Provinces appear in the logs. I need a summary sheet of the Counties, States and Provinces somewhere in the entry. Some logging programs provide that (like WA1UJU's WQP program), but most do not. This year I spent a HUGE amount of time trying to just determine that the multipliers claimed matched what the logs showed. Simply indicating this on the entry form or within a computer generated entry form would really help a lot guys and gals. You have to go thru your logs to determine your multipliers anyways. How much extra time does it take to list them somewhere OR circle or cross them out on our listings on the entry form? I think we process the RESULTS quite rapidly considering that we do not get all the entries till the middle of April. We have been able to get the RESULTS to the publisher by the end of April. However these last two

Flip the page, please

MULTI TRANSMITTER/MULTI OPERATOR - FIXED

CALL	COUNTY	C	S	P	MULT	CW Q's	SSB Q's	BONUS PTS	FINAL SCORE	CLUB AFFILIATION
AA9PB *	Marinette	44	39	2	85	182	197		47685	Bay Area Wireless Assn Ops: AA9PB, KG8CX, K18AC, KB9NGF, KG9GH
KB9EWK	Brown	34	38	5	77	112	175		30723	Green Bay Mike & Key Ops: KB9EWK, K9BOB, KB9CGP, KB9JAI, N9NFF, N9OLU, N9TLP, N9TNI, N9TUW, N9VJL
N9NOF	Brown	48	31	3	82	15	262		23944	Green Bay Mike & Key Ops: N9NOF, N9PAV, N9OLO N9ZDA, N9ZUR
N9XOH	Outagamie	31	14	1	46	60	101		10166	Fox Cities ARC Ops: N9XOH, W9DBF, KB9LRB, N9ZHV
WD9IWK	Waukesha	28	4	1	33	0	130		4290	Ops: WD9IWK, KB9LCQ

* CERTIFICATE

SINGLE OPERATOR - FIXED

W9XT **	Washington	60	46	6	112	158	412		81536	Kettle Moraine ARC
N9CK *	Dane	53	36	4	93	270	162		65286	Four Lakes ARC
N9SO *	Milwaukee	45	47	3	95	169	325		62985	
N9AU *	Milwaukee	49	43	4	96	172	311		62880	West Allis RAC
N9AW *	Milwaukee	54	38	2	94	195	254		60536	
ND90 *	Winnebago	48	39	2	89	199	238		56604	Fond du Lac ARC
K9OT *	Lafayette	50	42	3	95	122	337		55195	HVARC
N9BBQ *	Kenosha	52	41	2	9	127	322		54720	
NF9V *	Milwaukee	26	47	5	7	151	249		42978	Watertown ARC
KF9AF *	Dane	53	42	2	97	0	417		40449	Four Lakes ARC
K9FZ	St. Croix	51	41	3	95	14	397		40375	
WA1UJU	Waukesha	45	35	3	83	161	163		40255	Kettle Moraine ARC
K9CAN	Ozaukee	51	28	1	80	155	179		39120	Ozaukee Radio Club
W9OP	Winnebago	44	32	2	78	163	146		36816	
K9MA	Dane	34	31	3	68	230	73		36244	Four Lakes ARC
W9WAQ	Dodge	46	37	3	86	113	182		35088	Watertown ARC
K9WD	Columbia	50	40	3	93	24	312		33480	Yellow Thunder ARC
K3GGN	Ozaukee	28	33	2	63	264	0		33264	Ozaukee Radio Club
KE9ET	Dane	52	33	3	88	0	374		32912	Four Lakes ARC
K9QSH	Waukesha	48	28	2	78	86	240		32136	Kettle Moraine ARC
AA9RB	Sheboygan	36	34	2	72	98	223		30168	Sheboygan County ARC
AA9OC	Dane	29	31	4	64	199	53		28864	Four Lakes ARC
W9CBE	Dane	36	29	2	67	157	59		24991	
WA9BPG		50	25	0	75	0	307	1000	24025	Kettle Moraine ARC
W9MSE	Fond du Lac	21	33	4	58	202	0		23432	Fond du Lac ARC
AE9K	Racine	31	30	1	62	156	55		22754	W/K ARC
WT9Q	Dane	28	32	2	62	126	78		20460	Four Lakes ARC
N9EZF	Fond du Lac	49	24	1	74	0	261		19314	Fond du Lac ARC
W9GIL	Milwaukee	37	26	1	64	120	57		19008	
K9IMM	Dane	43	26	2	71	0	260		18460	Four Lakes ARC
N9WAR	Fond du Lac	39	26	1	66	75	113		17358	Fond du Lac ARC
N9WHR	Kenosha	51	18	0	69	0	251		17319	Racine Megacycle Club
K9ZZ	Columbia	39	22	1	62	81	108	500	17240	Yellow Thunder ARC
W9DYG	Milwaukee	22	28	0	50	153	0		15300	
AJ9U	Milwaukee	33	23	1	57	71	112		14478	W/K ARC
WB9HCO	Waukesha	47	19	1	67	0	216		14472	Kettle Moraine ARC
WB9AZH	Racine	50	15	1	66	4	206		14124	Kettle Moraine ARC
KC9NG	Racine	46	25	1	72	0	196		14112	Racine Megacycle Club
K9IA	Fond du Lac	22	26	3	51	123	18		13464	Fond du Lac ARC
N9NUP	Calumet	38	28	1	67	0	189		12663	Fox Cities ARC
W9WUU	Dane	25	20	2	47	111	0		10434	Four Lakes ARC
AG9G	Price	37	14	0	5	58	84		10200	Flambeau ARC
K9FA	Winnebago	47	9	0	56	0	164		9184	
K9WTF	Waukesha	35	23	2	60	0	152		9120	West Allis RAC
KF9ZB	Iowa	40	14	0	54	0	158		8532	Four Lakes ARC
WB9NRK	Brown	32	24	2	58	0	137		7946	Green Bay Mike & Key
K9KR	Racine	30	10	1	41	28	137		7913	West Allis RAC
WA9WYI	Washington	27	22	1	50	14	119		7350	Washington County ARC
N9HR	Jefferson	32	7	1	40	30	119		7160	Watertown ARC
K9XZ	Dane	44	5	0	49	0	143		7007	Four Lakes ARC
N9EMD	Waushara	43	8	0	51	0	126	500	6926	
KB9W	Polk	28	15	1	44	64	27		6820	
W9RF	Sheboygan	45	8	1	54	0	125		6750	Sheboygan County ARC
KB9ENO	Outagamie	40	7	0	47	0	142		6674	Fox Cities ARC
WB9QFX	Winnebago	41	10	1	52	0	127		6604	Fox Cities ARC
W9YVC	Milwaukee	35	6	0	41	61	39		6601	West Allis RAC
WA9LWJ	Portage	32	18	2	52	23	78		6448	Central Wisc. RA
KA9HFA	Door	41	9	0	50	0	128		6400	Door County ARC
NØEDV	Vernon	45	6	0	51	0	124		6324	
KA9QLP	Ozaukee	31	17	1	49	0	115		5635	Ozaukee Radio Club
WD9IAB	Manitowoc	26	12	0	38	51	44		5548	Badger Contesters
N9DHM	Brown	33	17	1	51	0	102		5202	Green Bay Mike & Key
KC9AA	Waupaca	43	5	0	48	0	102		4896	Fox Cities ARC
WB9PMF	Chippewa	43	3	0	46	26	54		4876	Red Cedar Repeater Assn
AA9TQ	St. Croix	38	11	0	49	0	97		4753	St. Croix Valley RA
KF9AQ	Dane	36	6	0	42	0	109		4578	Four Lakes ARC
NG9V	Dane	25	7	0	32	28	83		4448	Four Lakes ARC
KC2AK	Dane	34	4	0	38	0	112		4256	Four Lakes ARC
N9OEH	Milwaukee	20	23	1	44	0	93		4092	West Allis RAC
KC9GO	Sauk	36	9	0	45	0	89		4005	Four Lakes ARC

General
Comments

Thanks for flipping

years I have spent way too many midnight hours trying to meet the deadline. Your help is needed.

2) A situation developed this year, relating to mobile stations. Evidently our rule of a phone contact only counting for ONE QSO POINT and a CW contact only counting for TWO QSO POINTS, is not clear enough. For example, if a mobile station sits on a county line and gives out two counties during the same transmission, that mobile can only claim ONE QSO POINT (TWO FOR CW CONTACTS). They cannot give out two counties and claim two phone points (or 4 points if CW). ONE point per phone contact and TWO points per CW contact. That's the rule. Simple enough, or at least we thought. If that mobile wants to claim BOTH COUNTIES then they need to make TWO TRANSMISSIONS (and be able to prove to us that they were indeed sitting EXACTLY on the county lines). We expect that one and only one county be given out with a single transmission, and that the mobile be firmly within the county limits.

So, as a result, next year will see some changes in the rules. The one change I can indicate at this time will be - all logs entered will need to be in CHRONOLOGICAL ORDER (entries listed by time on the same or subsequent sheets of paper). We are looking at several others. Watch for them.

Our plaque for the best **SINGLE OPERATOR - FIXED** station goes to Gary Sutcliffe, W9XT. He made 158 CW contacts and 412 phone contacts, contacting 60 counties, 46 states and 6 provinces, for a score of 81536. Gary was our 1996 winner also. Congratulations, Gary.

The plaque for the best **OUT-OF-STATE** entry goes to K9OM, Dick Van Zandt, from Illinois. He bettered his last years' winning record with 100 CW contacts and 155 phone contacts, contacting 52 Wisconsin counties, for a total of 18460 points. Congratulations, Dick.

The battle of the clubs produced a BIG surprise this year. Evidently the result of a massive effort to get club members on the air to operate, our winning club mustered 33 entries to put them on top for 1997. The plaque in the **CLUB COMPETITION** goes to Four Lakes Amateur Radio Club. Their 33 entries produced a score of 336,985. Last year they were in second place with 251,418 points based on 23 entries. I believe this the first time they won WQP. Congratulations, FLARC. I know you will enjoy your plaque.

Participation again was

Flip the page again, please

CALL	COUNTY	C	S	P	MULT	CW Q's	SSB Q's	BONUS PTS	FINAL SCORE	CLUB AFFILIATION
W9PHJ	Kenosha	35	5	0	40	0	92		3680	Badger Contesters
WD9FLI	Dane	31	4	0	35	0	100		3500	Four Lakes ARC
W9GL	Green	10	20	1	31	49	13		3441	Four Lakes ARC
W9HR	Kenosha	19	12	1	32	52	2		3392	
W9LXY	Racine	37	3	0	40	0	84		3360	Racine Megacycle Club
N9WNU	Outagamie	33	2	0	35	0	94		3290	Fox Cities ARC
N9XVZ	Dane	8	18	1	27	56	0		3024	Four Lakes ARC
KB9LRC	Winnebago	14	12	1	27	0	108		2916	Fox Cities ARC
N9DMS	Dane	23	7	0	30	0	67		2010	Four Lakes ARC
N9MW	Dane	26	8	0	34	0	59		2006	Four Lakes ARC
KG9BI	Marinette	28	4	0	32	0	60		1920	Bay Area Wireless Assn
AA9NM	Winnebago	21	6	1	28	4	57		1820	Fox Cities ARC
KA9OIL	Racine	30	3	0	33	0	53		1749	Racine Megacycle Club
WA9POV	Ozaukee	27	4	0	31	0	51		1581	West Allis RAC
KG9FL	Dane	22	7	1	30	0	51		1530	Four Lakes ARC
AA9IB	Marinette	29	3	0	32	0	47		1504	Bay Area Wireless Assn
KA9ZPX	Columbia	24	3	0	27	0	46		1242	Four Lakes ARC
WY9L	Fond du Lac	14	4	0	18	32	1		1170	Fond du Lac ARC
WA9YVE	Jefferson	20	3	1	24	0	48		1152	Watertown ARC
KC9RH	Dane	23	2	0	25	0	45		1125	Four Lakes ARC
N9TRK	Sheboygan	19	6	0	25	1	39		1025	Sheboygan County ARC
KB9GOX	Kewaunee	24	1	0	25	0	38		950	Mancorad
AA9HS	Dane	23	2	0	25	0	31		775	Four Lakes ARC
WA9PWP	Dane	11	2	0	13	0	56		728	Four Lakes ARC
WS9P	Racine	14	6	1	21	0	33		693	Racine Megacycle Club
W9GSV	Milwaukee	4	10	1	15	23	0		690	West Allis RAC
WB9NOV	Dane	11	4	0	15	19	2		600	Four Lakes ARC
AA9W	Ozaukee	17	4	0	21	0	22		462	Ozaukee Radio Club
W9NAW	Waukesha	10	2	0	12	0	30		360	West Allis RAC
K9FHI	Juneau	17	1	0	18	0	20		360	
AA9RK	Milwaukee	9	5	0	14	0	25		350	West Allis RAC
W9BI	Jackson	12	3	0	15	0	16		240	
N9BAF	Dane	8	5	0	13	0	16		208	Four Lakes ARC
N9UDG	Dane	7	1	0	8	0	25		200	Four Lakes ARC
N9NDP	Kenosha	5	1	0	6	0	28		168	
N9VNU	Racine	5	1	0	6	0	6		36	Racine Megacycle Club

** PLAQUE
* CERTIFICATE

Non-Wisconsin Stations

CALL	STATE	CQ QSOs	SSB QSOs	WISCONSIN COUNTIES	FINAL SCORE	CLUB AFFILIATION
WA5TPI*	AR	0	65	29	1885	
W1HIJ *	CA	33	8	17	1258	
KE6GTR	CA	9	7	12	300	
KK7K *	FL	67	56	34	6460	
K4GKD	FL	80	37	32	6304	
K5ME	FL	41	1	22	1826	
K9IAC	FL	0	21	15	315	
WA0HIK *	IA	0	66	31	2046	
N0HD	IA	0	39	28	1092	
K9OM **	IL	100	155	52	18460	
K9WA	IL	78	61	39	8463	
WA9ENA	IL	0	75	37	2775	
K9ZZE	IL	0	71	32	2272	
AA9UC	IL	0	21	14	294	
K9DIY *	IN	58	0	22	2552	
KM4FO *	KY	36	12	31	2604	
KA1VY *	MA	0	46	17	782	
W3ABC *	MD	71	8	31	4650	
W3GG	MD	26	20	31	2232	
KD3JA	MD	0	53	25	1325	
W3HAM	MD	0	25	14	350	Cheese Hollow ARS
W8MJ *	MI	90	128	52	16016	Mad River Radio Club
W8QM	MI	52	36	25	3500	
W8YY	MI	0	86	37	3182	
K8CV	MI	36	0	20	1440	
N0JVR *	MN	0	47	31	1457	St. Paul Radio Club
K0JPL *	MO	38	35	32	3552	MO Valley DX & Contest
K0YIP	MO	46	37	27	3483	
K04VH	MO	62	5	26	3354	
K0GSV	MO	34	9	24	1848	
WB2JAF/5 *	MS	26	23	18	1350	
AE0Y *	NE	48	104	46	9200	
K00AL	NE	48	0	36	3456	
WA1JVV *	NH	50	0	27	2700	
K1BV	NH	49	21	22	2618	
WA2UDT *	NJ	27	8	14	868	
AE2N	NJ	25	0	17	850	
W2EZ *	NY	62	0	35	4340	
AF8A *	OH	99	60	47	12126	
KJ8F	OH	0	86	32	2752	
NE0P/5 *	OK	16	0	9	288	
VE3WZ *	ON	60	40	29	4640	
VA3TEE	ON	54	14	27	3294	
VE3FRS	ON	45	10	31	3100	
VA3SWG	ON	0	38	18	684	
WA3HAE *	PA	91	127	53	16377	Weekend Warriors

General Comments

Thanks for flipping again

wonderful. 25 mobile stations, covering as many as 19 counties in one case, really form the backbone of our contest. I think we get a lot of participation as a result of their efforts on our behalf. I, for one, am thankful for their participation. I am also thankful for the many, many stations that participate for a few hours or for the entire 7. There must be a bunch of them. Otherwise a lot of the top stations would not be getting their large QSO totals. 216 entered WQP. Many did not but were there giving out points. I know a lot of them will never see this but I for one do appreciate their efforts. Perhaps next year we can acknowledge their efforts as we talk with them during '98 WQP. WITHOUT THEM AND WITHOUT ALL YOU GUYS AND GALS THERE WOULD BE NO PARTY. Its your efforts that keep WQP rolling along like it is - we think the best State QSO Party in the US of A. See you on the second Sunday of March, 1998, good Lord willing.

Lynn Tamblyn, K9KR
for Wisconsin QSO Party
Committee

SOAPBOX

Thanks for a fun contest - where was everybody on 15 CW ? NF9V and K9EAM had great sigs on SSB, but no CW? TNX also to WI9WI who obviously was a "rover"! Score would have been better except for the Mexican LSB covering 7.045 to 7.060 - made it difficult to pull out stations during the last hour on 40. Look forward to next one.

- W1HIJ

Good contest, but not as active as last year. We need more CW ops out there.

- AE2N

Had fun again this year. Most activity seemed to be on CW (OK by me !). Keep the short format.

- WA2UDT

Congrats to all the mobiles this year for another great effort! Activity seemed to be way up from last year. I hope this trend continues! I'll be looking forward to the '98 WQP.

- KB3AFT

I like the 7 hour schedule - tell Jeff, W9MSE, he lives in WISC and WX is NOT supposed to be good for contests.

- W3DYA

Although I only operated a few hours, I had fun. I thought the level of activity

Continued on page 10

CALL	STATE	CQ QSOs	SSB QSOs	WISCONSIN COUNTIES	FINAL SCORE	CLUB AFFILIATION
KB3AFT	PA	91	90	38	10336	Weekend Warriors
K3WWP/QRP	PA	89	0	34	6052	
KX3V	PA	27	66	27	3240	Nittany ARC
W3HDH	PA	30	5	14	910	
W3NGO	PA	25	0	12	600	
WA3JXW	PA	8	0	6	96	
KS4DU *	SC	54	4	24	2688	
K4ADI	SC	40	15	23	2185	
VE5BCS *	SK	0	8	5	40	
VE5BF	SK	0	6	6	36	
K5LH *	TX	116	0	41	9512	
W3DYA	TX	50	0	25	2500	
W5NR	TX	30	2	19	1178	
K5XN	TX	23	0	15	690	
K07X *	UT	41	33	26	2990	
NG7M	UT	27	23	18	1386	
K4UK *	VA	81	19	36	6516	
W4SNH	VA	75	0	31	4650	
K4RDU	VA	42	8	21	1932	
N4UY	VA	0	13	9	117	
KJ8J *	WV	62	41	28	4620	
K9YLI *	WY	0	7	6	42	
ZP6CW *	Paraguay	5	0	3	30	

** PLAQUE * CERTIFICATE

CLUB AGGREGATE SCORES - CLUB COMPETITION

CLUB NAME	SCORE	ENTRIES	WINNER
FOUR LAKES AMATEUR RADIO CLUB ***	336985	33	N9CK
KETTLE MORaine RADIO AMATEURS	328899	11	W9XT
FOND DU LAC AMATEUR RADIO CLUB	169593	9	ND9O
BAY AREA WIRELESS ASSOCIATION	128473	5	W9SF
OZAUKEE RADIO CLUB	115733	5	K9CAN
WEST ALLIS RADIO AMATEUR CLUB	94479	11	N9AU
GREEN BAY MIKE & KEY CLUB	93132	5	KB9EWK
FOX CITIES AMATEUR RADIO CLUB	89850	13	W9IEI
WATERTOWN AMATEUR RADIO CLUB	86378	4	NF9V
SHEBOYGAN COUNTY AMATEUR RADIO CLUB	63087	7	AA9RB
HVARC	55195	1	K9OT
YELLOW THUNDER AMATEUR RADIO CLUB	54617	4	K9WD
BADGER CONTESTERS	51389	3	AA9AO
RACINE MEGACYCLE CLUB	37269	6	N9WHR
W/K ARC OF GREATER MILWAUKEE	37232	2	AE9K
CENTRAL WISCONSIN RADIO AMATEURS	23364	2	NE9U
GREATER RICE LAKE CONTEST CLUB	16210	1	NØBMP
FLAMBEAU AMATEUR RADIO CLUB	10200	1	AG9G
WASHINGTON COUNTY AMATEUR RADIO CLUB	7350	1	WA9WYI
DOOR COUNTY AMATEUR RADIO CLUB	6400	1	KA9HFA
RED CEDAR REPEATER ASSOCIATION	4876	1	WB9PMF
ST. CROIX VALLEY RADIO AMATEURS	4753	1	AA9TQ
MANCORAD	950	1	KB9GOX
CALUMET ARES	330	1	N9VPZ

*** PLAQUE

PARTICIPANT PHOTOS

NØBMP/Mobile took second place in Single Op-Mobile with 16210 total points. This station ran a kW, using a generator on a trailer. The antennas were on the trailer, too, as you can see in this photo. NØBMP had taken a few years' break, but was back in full swing in '97. The operation worked from eleven Wisconsin counties. Mark Thompson, WB9-QZB, originally from Baraboo, was the pot-hole avoider for this run. He also sent the photos along. More 1997 WQP photos are on the next page. Thanks to those who sent them.



SOAPBOX

Continued from page 9

was good for a state QSO party. In my limited time I heard a few more counties but these were from others answering others and not calling CQ. Please encourage participants to call CQ Contest every so often.

- WA3EOP

The "sprint-like" WQP Contest continues to be a lot of fun. Hats off to KF9SJ/M who delivered so many counties. See you next year.

- K3GGN

What a blast! Keep up the great work.

- WA3HAE

From the limited time I spent on the party it seemed to be well attended this year. Keep the faith.

- W3HAM

I listened for WI stations on 20 meters but I found the skip too long to make any WI contacts. Had to use 40 and 80.

- KD3JA

It's good to see another state enjoying a good QSO party. Join the PA QSO Party in October.

- W3NGO

Thanks for the great contest. I really enjoyed it.

- KX3V

Once again the WI QSO Party is top notch. I don't know how you get so many hams to be active on CW in a state QSO Party, but whatever it is, keep doing it. It's a CW ONLY contesters' delight. 89 QSOs and 34 counties were personal best totals for me. Not too bad for "pure" QRP CW only.

- K3WWP/QRP

Enjoyed the QSO party.

- K4ADI

Third time I've entered this QSO party. Higher score each time. Conditions were good with strong signals down our way. There seemed to be more mobiles operating CW this year - Great! Would suggest possibly next year setting up designated frequencies for mobiles, so they don't have to compete with the "power house" fixed stations.

- K4UK

Thanks for sponsoring a fun event. I had a great time listening for folks in Wisconsin while I was building bookshelves in my basement.

- N4UY

Thanks for the nice party, really enjoyed it. Was running an IC-728 at 100 W on a 40 meter ground-mounted vertical and an 80M extended zepp.

- KQ4VH

Continued on page 11

SOAPBOX

Continued from page 10

Nice contest. Wisconsin only open on 40 and 80 to Mississippi.

- WB2JAF/5

Good party. Special thanks to the mobiles.

- K5ME

GREAT!! QSO party. My goal was to better last year's score - I did it.

- WA5TPI

I could only contact one station on 40 meters. I could hear them but they could not hear me. I enjoy the club newsletter too.

- KE6GTR

Thanks for nice short QSO Party! Didn't know there would be so much activity. Hopefully will see you again next year.

- KK7K

Fine state QSO party again this year. I got the antennas up just in time. Nice to hear the WI stations in there.

- NG7M

Hats off to the rovers! Mobile stations added 13 counties I wouldn't have otherwise worked to my multiplier total.

- AF8A

I had a great time. For the first time I actually was single op. Murphy must have found someone else to ride with. See you all next year.

- K8NB/mobile 9 in WI

As usual I enjoyed the WI QSO Party. Regret that some counties were not on. Next year I hope ALL the counties are on. All operators I heard were courteous and a joy to work. See you next year.

- K9DIY

The party was a lot of fun and I worked several counties needed for USA-CA500. I really appreciate the *Badger State Smoke Signal* copy both before and after the contest. Thank you very much and see you next year.

- WA9ENA

The N9EZ mobile got off to a rocky start. High winds and rain caused some damage to the 40 meter antenna. A quick stop for repairs at the wayside and we were only 20 minutes from our intended starting point. Thanks to all that rode along with us through 19 counties. It is great to hear so many stations on the air for this contest. Hope to see all of you next year.

- N9EZ mobile

Not much time for me to operate this year too many other things that had higher priority.

- K9FHI

The event was a great time, even if my QSO count was down.

- N9HR

My thanks to the West Allis RAC for bringing this super event again this year.

- K9IA

This contest was a lot of fun - thanks a lot, guys.

- KG9IF (W8YY, team member)

Great fun and beat my last year's score. 73 till '98

- K9OSH

Thanks again for the great contest. As always, had a great time. See you next year.

- AA9PB

I just experienced my first Wisconsin QSO Party and I am left speechless!! It was so much fun. I had the honor of being a member of the W9IEI mobile team this year. It was a very exciting 7 hours. Thanks again for a fascinating event.

- KB9PCW

I made many mistakes in the contest, even with WE9R's great equipment and anten-

nas. If I could offer one word of advice to anyone who hopes to enter the WIQP, it is this - "multipliers." Thanks again to Lyle and Penny for the use of their station. I hope one of these years we can do the multi-multi effort we originally planned.

- AA9RB (guest op WE9R)

Didn't make many contacts, but really enjoyed the ones I did make. Thanks very much.

- AA9UC

As always WQP 97 was a lot of fun. Conditions on 75 were good as a contact to a mobile just north of Macon, GA will show. VHF was a bit weaker, but not bad. Overall WQP 97 promoted "radio activity" and the fellowship that is intended in Amateur Radio.

- N9WHR

Made sure the neighbor's phone was RFI-proofed the week before. Didn't want any interruptions! Possibly my best total ever of Wisconsin counties worked. Thanks to all who got on from the rare ones.

- W9XT

One week old G5RV and bad power supply. Cud hear 'em but tough working 'em.

- K9YLI

It was a terrific amount of fun for me. I came back to the

hobby a couple of years ago after a brief 30 year hiatus and this was my first QSO party.

- K9ZZE

I really enjoyed operating this contest, and all the Wisconsin operators were friendly and a real pleasure to work. See you all next year

- N0HD

Had a lot of fun! You guys put on one of the best! See you next year.

- N0JVR

Many thanks for a well run QSO party. You had very good participation on your end.

- K0OAL

I really like the short 7 hour format as it doesn't take up the entire weekend. It was really a lot of fun working the mobiles in several counties.

- AE0Y

Great activity from WISC! My best score ever.

- VA3TEE

Really enjoyed the short time that I had to work the contest. Hopefully next year I can spend the whole time period and maybe the bands will improve by that time. Also, thanks to your club for sponsoring the QSO party. We all appreciate it. Keep up the good work.

- VE5BF

MORE PARTICIPANT PHOTOS



At left is John Boos, N0BMP, who operated from the BMP-mobile as Mark Thompson, WB9QZB, negotiated his way around Wisconsin's highways and county roads. At right is the gear set up in the back seat of the vehicle. John hails from Grayslake, Illinois. Hope you survived the Badger state potholes all right, John!

Photos courtesy Mark Thompson/WB9QZB



About the Sponsor

The West Allis Radio Amateur Club sponsors the Wisconsin QSO Party on the second Sunday in March every year.



The club also provides funds for a number of scholarships, administered by the Foundation for Amateur Radio. Announcements of the scholarships' availability and each year's winners are announced in the major Amateur Radio publications.

WARAC also sponsors the famous Mid-Winter Swapfest every January. See the ad on the back page for details. The club also offers the Worked All Wisconsin Counties award.

Information about these and other WARAC activities and events is available from WARAC, P.O. Box 1072, Milwaukee, WI 53201, and on the WARAC Web page at

<http://www.execpc.com/~wa9pov/warac/html>

STATUS REPORT: CWRA's Baraboo 146.28/88 repeater

The word is - the old antenna and some feed line will be going up on the TEMPORARY TOWER in a few days, if it hasn't already started. The repeater will be brought back on line. Height is anticipated to be in the area of 150 feet, all of which provides for a respectable repeater at that location.

The new, 500' + tower is delayed from the end of May completion. However, it is under construction at the manufacturer and due for delivery at the tower site about mid-June. The "in-service" date is the end of July. The CWRA 28/88 repeater will be up and running shortly thereafter. Understandably, we are not at the top of the priority list, which is OK. We still have this site!!

A more complete update will follow next month. I promise to get it out and to Jim, K9ZZ, in time.

The generosity of the amateur community has been

overwhelming. We have enough money to do the job properly, with the right hardware. 88 will perform as well as it ever did. Donations have been from individuals and clubs and have consisted of money, 7/8" connectors for the new antenna line, space in the *Badger State Smoke Signals*, and behind the scenes efforts by others to support the effort. All of this support has come from Eau Claire to the Fox Valley, south to the state line and even Illinois and Canada.

What a great bunch!! More to follow next month.

For now, a heartfelt thanks to all of you from CWRA. Hopefully, by the time you read this, the repeater will be back up on the temporary tower.

Gari - N9GV
Secretary CWRA

Hams aboard shuttle flight; KB5UAC to be active from Mir

Ham-astronaut Mike Foale, KB5UAC, took off on the space shuttle Atlantis Thursday, May 15, to swap places with colleague Jerry Linenger, KB5HBR, aboard the Russian Mir space station. The mission is the sixth docking with the Mir space station. During the STS-84 pre-flight press conference, Foale talked about ham radio and his stay aboard Mir. Foale is scheduled to remain aboard Mir until September.

Other hams on the STS-84 crew include Commander Charles Precourt, KB5YSQ, and Mission Specialists Edward Lu, KC5WKJ, Carlos Noriega, KC5WKK, and Jean-Francois Clervoy, KC5WKG. The Atlantis is carrying badly needed replacement equipment for the Mir space station, including a new oxygen-generation unit.

Foale said he took his ham radio exam in preparation for the STS-56 shuttle mission. "My commander then [Ken Cameron, KB5AWP] was a pretty serious radio ham, and he encouraged the whole crew to do it," Foale said. "Since then, I've enjoyed taking part in those activities, and I do look forward very much to using the ham radio on the Mir throughout my stay there to talk to anybody who can speak to me in either English, American, or Russian."

Foale said he's open to talk about anything and with anybody. "I really enjoy having slightly longer contacts than just the brief collections of QSOs we do on shuttle. As a long-duration crew member, I'm

hoping that [hams] will allow me to talk longer with them, so I can have some contact with them and their countries and understand the people's conditions where they live as I fly over them."

Meanwhile, NASA says its Shuttle Web will provide continuous audio and video coverage of the STS-84 shuttle-Mir mission in a second test of the latest technology for streaming video over the Internet. Working with Technology Interface Inc. and other commercial Internet service and content providers, NASA will use a Dutch-manufactured product called "WebCam" to stream NASA Television programming over the Web. In addition to "cybercasting" the launch and landing, NASA will transmit live video of the activities of the combined Atlantis-Mir crew, all mission briefings and the daily Mission Update program. Links to the video stream through American and European reflectors are available on the NASA Shuttle Web, <http://shuttle.nasa.gov>.

(BSSS editor's note: Some of the above will be outdated by the time this reaches you. We realize that, but are printing it to (1) let you know how important Amateur Radio is to astronauts and cosmonauts, and (2) to tell you about some of the new video technology on board.)

--Thanks to Philip Chien, KC4YER and to NASA

The ARRL Letter, 5/16/97

Dayton Hamvention and League join forces for year 2000 ARRL convention

Dayton's annual Hamvention will be the host site for the ARRL national convention in the year 2000. The Dayton Hamvention is the nation's largest single Amateur Radio event, attracting more than 30,000 participants to Dayton, Ohio, each year. The year 2000 will be the first time that the ARRL and the Dayton Amateur Radio Association (DARA), sponsors of the Hamvention, will combine their talents for this yearly event. A formal announcement was made May 16 in Dayton as the 1997 Hamvention opened its doors. The Hamvention got its start as The Southwestern Ohio Ham-vention in 1952.

"The number of enthusiasts Dayton attracts from around the United States and from around the world, combined with the quality of the event, is unparalleled," said ARRL Executive Vice President David Sumner, K1ZZ. "Dayton, Ohio, is the natural site for our national convention, and we are delighted to be working with

members of DARA and Hamvention officials in this combined effort to launch Amateur Radio into the 21st century."

In addition to the more than 30,000 Hamvention attendees, the three-day event brings together thousands of flea market vendors, ham radio and electronic equipment manufacturers and other exhibitors. As its contribution to the event, the League will bring additional Amateur Radio programs, national-level radio awards and increased publicity in QST.

ARRL Great Lakes Division Director George Race, WB8BGY, said he was pleased that the League and DARA would be working together "to assure the future of Amateur Radio as we enter the 21st century."

"Over the years, Amateur Radio operators have been instrumental in the development of most of our electronic technology," he said. "Amateur Radio has sparked the imagination of young and old alike, leading them to become teachers, engineers and even astronauts. The ARRL and Dayton Hamvention working together, will give those who attend a glimpse at what lies ahead in technology and how they can be a part of it."

--Jennifer Gagne, N1TDY

The ARRL Letter, 5/16/97

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Card of Thanks

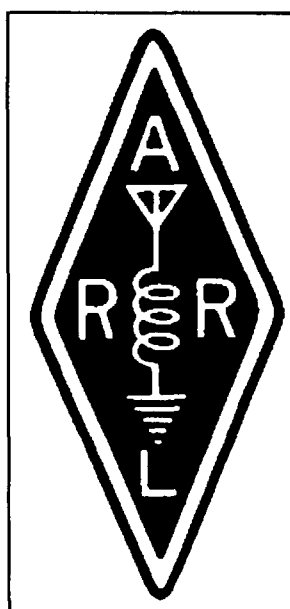
*To the members of the Badger Weather Net
and the Wisconsin Sideband Net: We would
like to express a heartfelt thank you for the
cards, letters, and radiograms received upon
the passing of my sister. Her children said
"It's unbelievable." Again, thank you.*

Bill Posson, AA0OM



W1AW upgrades its satellite capabilities

With the installation of a better antenna system, W1AW has upgraded its satellite capabilities. The station's Kenwood TS-790A now feeds a Cushcraft A148-20T crossed Yagi for 2 meters and a Cushcraft 416-TB crossed Yagi for 70 cm (with Advanced Receiver Research preamps for 2 meters and 70 cm mounted on the tower), positioned using a Yaesu G-5400B Az-El rotator coupled with The Kansas City Tracker. The antennas were recently reinstalled atop one of W1AW's three 60-foot towers. Antennas are fed using 1/2-inch



Andrew 50-ohm Heliax. W1AW Station Manager Joe Garcia, NJ1Q, says the Kansas City Tracker consists of a PC plug-in card and software and provides for automatic tracking of satellites. The Kansas City Tracer uses InstantTrack, a satellite-tracking program that uses Keplerian elements (available from a variety of sources) to automatically position the antenna system.

Shortly after the improved satellite system was installed, Garcia tried it out during an AO-27 pass during his off-duty hours. "I was able to QSO VE6ITV, WD8-CDP, K4RS, and W00QC," he reports. "I had myself a little pileup there."

W1AW is looking to upgrade its TNC from the 1200-baud-only unit it now uses.

Garcia says he plans to have W1AW use the upgraded setup to make contacts whenever it is feasible. "I certainly would like to be a regular on AO-27, and maybe the Russian satellites," he said. "A number of years ago, we used to send bulletins through OSCAR 10 during a good pass. So, that is something we might revisit."

Garcia said he's looking forward to making other satellite station improvements to be ready for Phase 3D later this year.

The ARRL Letter, 5/16/97

Stolen Radios

On April 7, 1997, five (5) Motorola model HT-600 hand-held radios, marked "Findorff" in yellow on the front, were stolen from a school construction site in Sun Prairie, WI. The radios are valued at \$600.00 each. The serial numbers are: 651AQL3719B, 651AQL3720B, 651AQL1189B, 651AQL3710B, and 651AQL3713B. The radios had the following frequencies: 154.600, 151.625, 152.870, 151.955, and 154.570. A surveyor's instrument worth \$3000.00 also was taken. Anyone with information about the whereabouts of this stolen equipment is asked to call the Sun Prairie Police Department immediately at (608) 837-7336. (Editor's note: It is a possibility that the thief or thieves may try to "fence" the radios at a swapfest. If you run across radios offered for sale that meet the description above, discretely call the local police or county sheriff's office at once. Make no comments to the seller that the radios may be "hot".)

Mack Grogby, N9NTB

PARTICIPATING CLUBS AND ORGANIZATIONS

Wisconsin Nets Association Ltd.

Art Evans, KA9KLZ, Acting Secretary
213 N. Jefferson • Cuba City WI 53807-1558

WISCONSIN NETS

Net	WNA	Freq.	UTC	CDT	Mgr.
BWN	Yes	3985	1100	0600	W9AYK
BEN	Yes	3985	1700	1200	KE9VU
WSBN	Yes	3985	2230	1730	K9UTQ
WNN	Yes	3723	2300	1800	N9MXW
WSSN	Yes	3645	2330	1830	N9BDL
WIN/E	Yes	3662	0000	1900	WB9ICH
WIN/L	Yes	3662	0300	2200	W9UW
NWTN	Yes	34/94	2330	1830	NS9Q
(Rhinelander area)					
RCRA	No	01/61	2330	1830	KA9OMC
(Mondays CST) (Menomonie Area)					
Gr. Bay	No	72/12	0145	2045	WB9NRK
(Green Bay Area)					
ARES	No	4.65/5.25	0100	2000	
(South East/South Central Wisconsin)					
RACES	No	3993.5	1300	0800	WA9OAY
(LSB Sunday)					



Notes From the Section Manager

Roy Pedersen, K9FHI • 510 Park Street
Juneau, WI 53039



Nice to get newsletter from Tomahawk and named "ufda North"; must be some Scandinavians there.

Pass around the "Idea Papper" at your club meetings, these make very interesting discussions for future meetings. Items were mentioned in "History Buff" MARAC 1955-56, on TV there was Davy Crockett and Howdy Doody, Coke was 5 cents, a burger was 17 cents, also was mentioned FD they logged 4626 points, three times MRAC present day score; also wrestling with the problem of how to attract newcomers just as we are today (Hamateur).

Ham of the year from Ozaukee club is AA9HR, congratulations Joe. Guess all a good time operating Wisconsin QSO Party (ORC Newsletter).

Seems some areas are troubled with hams harassing others and both parties are hams, both parties can work out their differences between themselves, if they can't, this gives ham radio a "black eye", which we definitely don't need, so maybe clubs can help the "misfits". Peer pressure from the local organized amateurs can work wonders in this area. I see no reason why amateurs can't get along together.

Every club should have a Local Interference Committee (LIC). If you need info on this, I can or AC9A Steve can get it for you.

All clubs should have an Official Observer.

73, Roy, K9FHI

Wisconsin NTS Traffic Report April 1997

Traffic and check-ins were both down a little in April. The warmer weather allowing more outside activities is the probable explanation.

Rick Elsner, W9RCW, is the new Badger Weather Net Manager. Let us give Rick our support in this endeavor.

With all eight nets reporting, 3969 stations passed 2904 pieces of traffic in April. BWN had 1548 stations and passed 2366 pieces of traffic. BEN 707/69. WSBN 753/95. WNN 168/23. WSSN 280/22. WIN/E 208/66. WIN/L 186/32. NWTN 119/31.

Seven stations had traffic totals in excess of 100, two of whom made Brass Pounders League. Stations are: W9-IHW/1172 (BPL), WB9JSW/1104 (BPL), K9JPS/309, K9FHI/206, W9CBE/165, K9DHR/161 and W9RCW/140. Twenty six stations submitted Station Activity reports and ten stations submitted Public Service Honor Roll reports.

I mail my reports to League Headquarters on the 7th of the month. That makes the deadline for reports the 6th. I can accept reports until I start printing them up for mailing. If you can catch me on the BWN on the morning of the 7th all would be well.

Hale Blakely, W9CBE, Asst. STM will also accept reports and forward them to me. Hale covers most of the CW and SSB nets so there is someone on almost every net to take reports.

Reports can also be sent VIA packet or e-mail.

My packet address is:
KA9KLZ @ KC9KQ.WI.USA.NOAM

My e-mail address is:
aevans@mhrc.net

Thanks to all stations who participate in the Wisconsin nets. You are the nets and Wisconsin nets are the best. 73

Submitted by:
Arthur A. Evans, KA9KLZ
Wisconsin Section Traffic Manager

HAMFEST SPONSORS

Subscriptions to Badger State Smoke Signals are available for you to give as prizes at your event. To get yours, send your request on your club's letterhead to Ken Ebner, K9EN, 822 Wauona Trail, Portage, WI 53901. No verbal requests can be accepted.

Riverland Amateur Radio Club

Dan Abts, N9PZC
Secretary

Club mail address: P.O. Box 621
Onalaska, WI 54650



MEETING MINUTES May 6, 1997

The May meeting of the Riverland Amateur Radio Club was called to order at 7:00 p.m. on May 6, 1997 by President Duane, W9HWQ. There were 17 members in attendance.

The minutes of the April meeting were accepted as printed in the *Badger State Smoke Signals*.

The treasurer's report was accepted as read by Roger, KA9BKK. We have 69 members.

Programs: The program for the May meeting was a talk about GPS by Red, WO0W. He will talk about differential GPS at the June meeting.

444.475 Repeater: The repeater is working fine.

Net Manager: Pete, N9XVG, reported that we had a record 26 check-ins two weeks ago and 22 last Sunday.

ARES/Skywarn: Tom, WB9BJQ, said that they are still looking for more severe weather spotters for outlying areas. Contact Tom to get on an e-mail list for a short statement each day from the National Weather Service concerning the possibility of severe weather. This message will also be posted on the AA9AW BBS.

Property Manager: Bob, N9LZK, is working on recording the serial numbers for the equipment donated at the last meeting.

Raffle: Dick, K0JYB, is re-applying for the license.

146.97 Repeater: Walt, AA9AW, said the repeater is working.

Field Day: Bill, KE9XQ, said that the site will be at the Red Cross parking lot on the south side of La Crosse.

VE: Bill, KE9XQ, was pleased to report that we had 15 candidates at the

April test session with a 66 percent success rate. The next test session will be in June.

Code Class: Bill, KE9XQ, is offering a cw class Saturday evenings at 7:00 p.m. at the Church of Christ on 28th street on the south side of La Crosse. He plans to conduct practice sessions on 10 meters and 2 meters in the future. The details will be announced as they become available.

Old Business

The casino trip to Miss Marquette was held on April 26th. Eleven people went and enjoyed the trip.

The club picnic will be held at Onalaska park starting at 11:00 on June 21st. Hamburgers and soda will be provided. Bring a dish to pass.

New Business

Bill, KE9XQ, made a motion to spend up to \$50 to equip the club's generator with a quieter muffler. Greg, KA9FOZ, seconded the motion and it passed.

Walt, AA9AW, made a motion to purchase a 12 gauge 100 foot extension cord. Tom, WB9BJQ, seconded the motion and it passed.

Bob, N9LZK, will chair a committee to look into purchasing a VHF and a HF transceiver for the club.

Dick, K0JYB, encouraged ARRL members to renew their memberships through the club. The cost is the same, but the club makes some money.

A motion was made at 8:52 p.m. by Bob, N9LZK, to adjourn the meeting. The motion was seconded by Frank, KB9LAB, and passed.

Respectfully submitted by Dan, N9PZC

Wisconsin Valley Radio Association

Kim Kunze, N9SDL, Secretary

P.O. Box 363 • Wausau, WI 54402

Six Meter Repeater: 51.19 Input/52.89 Output

MEETING MINUTES May 6, 1997

The meeting was called to order by Jim, N9SDI. The following members were present: N9SDL, KB9FRB, KB9DZG, KB9OPN, N9MEA, N9OWD, N9SDI, N9NQ, N9TTA, N9NRC, N9LIA, N9-IAB, KB9DZG, N9PHE, N9NMH, N9BK, W9VHA, N9PHC, N9NQJ, KB9-CKR, KB9PVI and KB9QHO. The April meeting minutes, as published in the *Badger State Smoke Signals*, were approved by members present with a motion from N9IAB and 2nd from N9NQW. The treasurer's Report was similarly approved with a motion from KB9DED and 2nd by N9-LIA.

Old Business covered the need to resubmit the state sales tax exempt paperwork as indicated by N9LIA. We have confirmed the WVRA 6 meter repeater frequency pair as the following: 51.190 input and 52.890 output, incorporating the 1.7 MHz offset.

Net controls were discussed for the WVRA Wednesday Night Net on the 146.64 indicating that Phil, KB9DZG has the 1st Wed. of the month, Chuck, KB9-OUC has the 2nd, Dave KB9PN offered to take the 3rd, and we are still looking for

month. Anyone interested please contact one of the WVRA board members.

To mention again that the WVRA Board for this year is the same as last. Still are looking for the preamble for the net so that it can be used by those conducting the net.

New Business covered discussion or lack of interest in a bus trip to the Hamfest in Minnesota this fall (no interest). Recently the Marathon Public Library obtained new ARRL books for public use. These were donated by Doc, K9BX, so the next time you see him please offer a word of thanks. The RAIN report question came up and it appears that Hap Holly is having some difficulties. Phil, KB9DZG, will get Mike, N9IAB the ad inf. for Hap.

The WVRA Picnic will be the 2nd Tuesday of July and will also incorporate a tour of the WVRA repeater site. More inf. to follow on the Picnic.

The WVRA board meeting for May will be the 27th this month due to conflicting dates.

The meeting was adjourned with a motion from KB9DZG and 2nd by N9-TTA.

Mike, KB9DED, conducted the program after the meeting and consisted of

Wisconsin Valley Radio Association

Continued from page 13

mobile radio installations. Thanks, Mike, for the program.

Thanks also goes to those who helped with Dream Flight Wausau: Jack, N9LIA; Jim, N9SDI; Gary, WD9CPY; Fred, WX9W; Dick, N0BK; Phil, KB9DZG; Doty, KB9FRB; Greg, KB9MCZ; Mike

K9PT. Special thanks goes to Mike N9IAB; Mike, KB9DED; Kim, N9SDL; and Joe, K9LWL, for giving up a week's vacation so that the 5th graders of the Wausau School District had the opportunity to experience Ham Radio. N9IAB and K9PT thanks for the great Amateur television during the week.

Respectfully submitted,
Kim Kunze
N9SDL

The Racine Megacycle Club



Club Station W9UDU • Racine, WI
ARRL Affiliated
Providing Communications for American Red Cross and ARES
Mary Urban, N9ZWE, Secretary
c/o RMC • P. O. Box 3 • Racine, WI 53401-0003

MEETING MINUTES May 12, 1997

The meeting was called to order by Vice President Ken Kucher, N9WHR, at 7:29 p.m. The meeting was held at the Red Cross Building. Those present were:

Ken	N9WHR, Vice President
Mary	N9ZWE, Secretary
Dave	AA9HL, Treasurer
Lee	N9VNU, Activities
Cheryl	WS9P
Dan	KA9OIL
Bob	W0WLN
Fern	W9LCJ
Bill	W9OVZ
Spencer	W9LDH
Jon	KB9PUF
Michael	KB9JXX
Rich	KB9MQP
Bill	KB9PUD
Brian	GUEST
Harold	KB9LXM
Robin	GUEST
Larry	WA9JMO
Rees	K9UUT

The meeting began with everyone in attendance identifying themselves.

VP Ken, N9WHR, read a letter from Racine Lutheran High School thanking the club for providing communications for their recent Walkathon. They also requested the club's assistance for next years Walkathon on May 1, 1998.

A lengthy discussion was held on the club's declining membership. The 1996 membership was 65, and to date the 1997 membership is 43. Mary, N9ZWE, sent out 25 application forms to members who have not renewed as yet. Suggestions were made as how to increase membership and why membership has been declining. Mary, N9ZWE, will cross check the membership lists of the Lakeshore Repeater and QCWA and send out applications to those who are not members of the RMC.

Bill, W9OVZ, purchased the battery charger for the club generator. Bill showed how he made his charger as a unit that can be hung on the generator. It was decided to make it a permanent installation to avoid a possible disappearing act. It was given to Mary, N9ZWE, for safe keeping until it is installed.

Larry, WA9JMO, gave an update on the new ham class. The class is done and 90% of the students are now licensed. The club should start making plans for another class.

Dave, AA9HL, gave the treasurer's report. It was accepted as read.

Mary, N9ZWE, suggested that maybe the GOODY BOX has seen its better days and should be replaced by another form of raffle. Fern W9LCJ agreed.

Mary, N9ZWE, gave the secretary's report. She has been working on the Silent Key Memorial. It was decided that because we do not hold a meeting in December, we would publish a list of the Silent Keys in the *Badger Smoke Signals*, instead of the usual meeting minutes. She is also

working on the History and has not as yet decided how to get the older hams together so she can record their knowledge of the club. She would also like a schedule of Field Day Activities so she can publish something in the *Racine Journal Times* previous to the event.

Dan, KA9OIL, gave the Fox Hunt Report which was held on April 25. The first place winners were the team of Gene, WB9ZKY; Bonnie; WB9ZKX; Dave WB9USI. Second place team was Dave, N9DLZ; Dennis, WB9SVM; Sharon, KB9KTU. There was no third place team due to technical difficulties. He mentioned that coming up the 20th of May there will be a rare DXpedition on all the bands. It will be held off the coast of Africa. He suggested that the club utilize it's HF equipment to give hams an opportunity to participate. He will provide the club with more detailed information about the event.

N9ZWE announced that there is a Silent Key, Joseph Karr, N9FAU. He died May 6, 1997. Cheryl WS9P said he was very instrumental in helping her raise money for Ham students at Gilmore Middle School. Cheryl made a generous donation to the club in his memory and it is earmarked for education.

Dan, KA9OIL, said the club has a member who belongs to the CW 5 Star Club. He did not stand up to identify himself. Dan explained that in order to qualify they must send and receive in excess of 45 words per minute.

Cheryl, WS9P, gave her final report on this fall's Club Cruise on November 8. Reservations can still be made. 14-16 cabins have been sold to ham's and friends of hams.

Pete Tilleman, WA9KFL, sent a postcard that he has an AEA Packratt Model PK232MVX multimode data controller. He bought it in 1992 and never took it out of the box. Call him at 886-2040.

Bob, W9EH, read an article from the *Chicago Tribune* about the Menard's spokesman. He is originally from Antigo and is not a do-it yourselfer. He spends his free time with his family and Amateur Radio hobby. His callsign is KB9JPB.

Lloyd, WB9RGO, is still in need of help for the Lighthouse Run. Please contact him if you can help. It is June 14. He needs at least 15 more volunteers.

VP Ken, N9WHR, discussed the upcoming Field Day 1997. We need hams to set up and operate. Contact him if you can help. It will be held at Larry WA9JMO's Decision Farm again this year. He requested someone to chair the food committee, but there was no volunteer. Bob W9EH will bring the computers to the June 9 meeting at the Red Cross Building for logging practice. A hidden transmitter hunt will again be held. Make sure to bring good mud shoes, a compass and flashlight. The QCWA will once again have a tent set up for transmitting. We will have designated ELMERS this year to help out people who are not familiar with the Field Day operations.

The meeting ended at 8:20 p.m. The drawing for the GOODY BOX was held and this month's ECSTATIC winner was Pete KB9LXM.

The Fox Hunt schedule is June 20, July 18, Aug 14, Sept 12, Oct 10, Nov 7, Dec 5.

MAY 3, 1976 - The main topic of discussion at this month's meeting was whether the RMC should become a member of the Red Cross Association. They are building a new building and are in need of Emergency Communications. The next minutes were from December 13, 1976 and the club was holding meetings in the new Red Cross Building.

Quarter Century Wireless Association Southeastern Wisconsin Chapter 162

Larry McCalvy, WA9JMO
5400 Six Mile Road
Radne, WI 53402



Communication for Racine Lutheran High School's annual fund-raising walk last month was flawless. Augmenting QCWA communicators, Spence Clope, W9LDH; Fern Fisher, W9LCJ; Bill Komistra, W9OVZ; and Larry McCalvy, WA9JMO were Bill Firchow, NW9P; Lloyd Gorsiski, WB9RGO; Kathy Madson, N9ZWN; Mike Melink, N9PMO; and Bill Folk, KB9PUD. My thanks to each of you for a task well done. I will be looking for your assistance again next May.

President Ken Knoff, N9NBC, tells me that the Great Mosquito Awareness Bash scheduled for Sunday, June 15th will afford an excellent opportunity to test your field day antennas. It will also give us something to do in case his imported Florida mosquitos do not arrive in time.

And, two weeks later is the big event: Field Day '97. QCWA will again "field" a team of operators who will set up their QRP stations on the eastern edge of Decision Farm. At our May meeting, we will have hopefully hammered out all the logistical problems so that our second annual function in the field will enter history in the success column. Stop by, visit, operator, take pictures or just bring a friend for

show and tell. We will be at 5400 Six Mile Road in Racine, along the "hay field" fence closer to Hwy 31. Come on out on the 28 and/or 29th of June and see the "Senior Circuit in action."

Bill Komistra, W9OVZ is planning a trip to California this coming July. He will be staying at established camp grounds en route, operating 20-meters, QRP, CW powered with solar energized gel cells. He will be making the trip solo, via motorcycle and four months after his 82nd Birthday. Bill certainly epitomized the statement that "age is just a state of mind!" Bill, here's hoping you have great sights to see during the daylight rides and many radio contacts during your evening camping hours.

Lloyd, WB9RGO, is looking for a few good hand-held radio operators to assist in the Annual Lighthouse Run on Saturday, the 14th of June. The Hams will be stationed along the run route to communicate information back to the announcer's booth and assist in any emergency. Give Lloyd a call on the Lakeshore Repeater, 147.870/270 MHz, for details or to volunteer your time (about 8 a.m. to 10 or 11 a.m.).

73, Larry McCalvy, WA9JMO



e.c.a.r.c.
eau CLAIRE
amateur RADIO CLUB

Carl Searing, W9NW, Secretary
P.O. Box 1867 • Eau Claire, WI 54702-1867
<http://www.edp.net/~mceraso/ECARC.html>

MEETING MINUTES MAY 13, 1997

The meeting opened at 1930 hours, with 33 members and guests present.

W9NW read the minutes of the last meeting (approved) and WB9RBP read a detailed Treasurer's report, which lead to a discussion of finances in general, the Hamfest in particular. (Also approved).

President N9OHE, following a roll call, thanked the volunteers who worked on WALK AMERICA on April 26th last. These included KC9NN (and Nolene, as designated driver), KB9JOF, KB9PYY, KB9PJM, WB9RBP, N9OHE, also assisted.

Volunteers were requested to provide communications for a Bike Race on May 17th, starting at 0730. There will be a 32 mile loop, as well as a 100 mile loop. A number of members were willing to help.

There was some discussion of Field Day; location, equipment, etc. Subject to be more fully covered next meeting.

Hamfest: Preparations gone over, T-shirts, food, Volunteers for ticket selling and taking, signage, vendors, all considered.

The Communications Center has requested that the Club report on the County monthly Civil Defense Siren tests, held on the first Monday of each month. There are 26 sirens, and Hams are to check on the operation of each during its three-minute test and report on same to the Comm. Center. A net will be activated prior to each test. Details at next meeting.

Next meeting: Tuesday, June 10, 1997. Lunch committee: N9HME, N9OHE

Meeting Adjourned: 2018 hours.

W9NW, Secretary

FCC sequential callsign update

The following is a list of the FCC's most recently issued call signs as of May 1, 1997.

District	Group A Am Extra	Group B Advanced	Group C Tech/Gen	Group D Novice
0	AB0FH	KI0IB	++	KC0ATB
1	AA1SD	KE1HP	N1ZDC	KB1CDN
2	AB2DQ	KG2LE	++	KC2BMQ
3	AA3PT	KE3ZP	N3ZFT	KB3BTD
4	AF4CV	KU4GL	++	KF4RIY
5	AC5MF	KM5IU	++	KD5AHF
6	AD6BE	KQ6OO	++	KF6KSU
7	AB7VB	KK7HK	++	KC7WFH
8	AA8ZY	KI8CD	++	KC8HEG
9	AA9UK	KG9KG	++	KB9QII
N Mariana Is	NH0A	AH0AX	KH0GT	WH0ABG
Guam	#	AH2DD	KH2RU	WH2ANT
Hawaii	AH7V	AH6PA	KH7DW	WH6DDT
Amer Samoa	AH8O	AH8AH	KH8DH	WH8ABF
Alaska	AL0D	AL7QT	KL0GK	WL7CUE
Virgin Islands	++	KP2CJ	NP2JQ	WP2AIH
Puerto Rico	NP3F	KP3AV	NP3MW	WP4NNB

New prefixes are available for this block, but none have been issued.
++ All call signs in this group have been issued in this area.

The ARRL Letter, 5/9/97

Your club can be a participating club in Badger State Smoke Signals. The benefits include reduced subscription rates for club members. To get a copy of the club plans available, write a letter on your club's letterhead to Ken Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901.

Taylor County Area Amateur Radio Club

Tom Hrdina, N9GEN, President

2373 Willow Avenue • Medford WI 54451

MEETING ANNOUNCEMENT

The next regular meeting will be held on Thursday, June 5th at 7 p.m. in the Emergency Government meeting room located in the basement of the sheriff's annex to the Taylor County Courthouse, corner of 2nd and Ogden Sts., Medford, WI. Talk-in on the 147.15 Medford repeater (+600 kHz) or 146.52 MHz simplex.

MEETING PROGRAM

The scheduled program for the June club meeting will be a presentation on, and demonstration of, the InterNet, including the World Wide Web and e-mail, with particular emphasis on their applications to Amateur Radio. The presentation will be made by N9GHZ.

This presentation will be dependent on our having access to a PC in the Emergency Government office that can be linked to the InterNet. If that access is not available on the night of the club meeting, the alternate program will be the showing of a videotape entitled, "America's Naval Power". The video is billed as "an action-packed insider's look at today's Navy" and features stealth destroyers, submarines, battlecruisers, and more.

CLARK/TAYLOR COUNTY AMATEUR RADIO EMERGENCY SERVICE (ARES) NEWS

Mike Schoenfuss, N9GHZ
ARES Emergency Coordinator

Don't forget to try to check into the weekly ARES net held Wednesdays at 8:30 p.m. on the Medford repeater

(147.75/147.15). If the repeater is down or not functioning properly, alternate frequencies, in order, are 147.15 MHz simplex and 146.52 MHz simplex. You're also encouraged to volunteer for net control duty for the net.

On April 3, 1997, two SKYWARN severe weather spotters' training courses were conducted in Medford by Todd Shea from the National Weather Service office in La Crosse. Amateur Radio operators in attendance at those training sessions include: WB9YME, WB0HMS, KB0ONG, WD9FWP, N9GEN, KA9WDX, N9FSZ, N9UBR, N9KJK, N9UBQ and N9GHZ.

On April 23, 1997, a SKYWARN severe weather spotters' training course was conducted in Loyal by Todd Shea from the National Weather Service office in La Crosse. Amateur Radio operators in attendance at that training session include: KA9UXN, N9UWY, N9ZLU, N9GHZ, KB9KFD, N9MHV, W9FPE, KA9MVG and N9RRF.

On April 24, 1997, a simulated SKYWARN severe weather net was conducted on the 146.775 Granton repeater in conjunction with the statewide tornado drill being held as part of Tornado Awareness Week in Wisconsin. N9ZLU served as net control operator for the net, operating from the 2-meter station located at the Clark County Sheriff's Dept. in Neillsville. Amateur Radio operators checking into the net include: N9MHV, W9FPE, KB9KFD, WB9BJQ and AA9AW (from the National Weather Service office in La Crosse), and N9UWX. There were a total of 6 check-ins to the net, not counting net control, and all were operating using emergency power sources. Liaison was also maintained with both the 146.91 Eau Claire and 146.82 Wausau repeaters.

Thanks to all of those who participated in the above activities! □

Mancorad Radio Club

Dave Shemchak, KB9KQA,
Secretary

P.O. Box 204 • Manitowoc, WI
54221-0204



2-Meter Repeater: 146.01 Input/146.61 Output

MEETING MINUTES May 14, 1997

Club President, Janice, N9IQZ, brought the May meeting of the ManCoRad Amateur Radio Club to order at 1934 hrs.

The April minutes, as published in the "Badger State Smoke Signals", were accepted. Motion made by Red, N9GHE, and seconded by Len, N9QFO.

The treasurer's report, as read by Glenn, AA9MT, was approved. Motion made by Ken, K9HAG, and seconded by Red, N9GHE.

Janice, N9IQZ, would like to thank everybody for their participation in, and support for, our annual swapfest. A job well done! Glenn, AA9MT, gave a preliminary report on the results of our swapfest and asked that the following be inserted into the minutes:

The ManCoRad Radio Club's May 10th, 1997 Swapfest turned out to be pretty good. We had a good group of people and we are satisfied with the results. The winners of the four top prizes are as follows:

1. ARRL Handbook: KE9AS, John Wulfe, Green Bay, WI.
2. ARRL Handbook: K9WIX, Clancy Meneau, Kellnersville, WI
3. Contelco Antenna: Charles Savard, Manitowoc, WI
4. Alinco 2M Radio: N9UGI, Dave Meneau, Kellnersville, WI

The remaining prizes were won by attendees from throughout the state including some from Illinois, Michigan, and Minnesota. The ManCoRad Club wishes to thank all participants, both vendors and consumers for making our Swapfest a success!

Janice, N9IQZ, appointed Glenn, AA9MT, along with Fred, W6BSF, Vic, WB9VYO, and Ron, WS9X, to study making changes to our annual swapfest. Comments received from both vendors and consumers indicate that we may be losing some business to the Daytona Hamvention. Being Mother's Day weekend also creates a conflict for hams who would otherwise attend. We also want to look into different (read less expensive) venues for our swapfest. The committee will look into the problems listed above and will make recommendations for the club to vote on at a later date.

There was also a discussion on different methods to promote our swapfest to vendors and other clubs.

The club's R7 vertical antenna has SWR problems! This was discovered by Fred, W6BSF, and Tom, KB9IIR, at the

Scout - O - Rama held at the Expo grounds in April. An announcement will be made on the 2M net to get a group together to try and tweak it back into shape, or at least determine what the problem is, so we can get it back to working order.

Spring is here once again, at least that is what the calendar says, and along with Spring comes highway clean-up. Steve, N9PBL, will conduct a clean-up session on Tuesday, May 20th, starting at 6:30 p.m. The meeting place is the Two Creeks Town Hall. Check in on the 146.61 repeater. This is one of the club's community service projects, so if you are available, please come out and help!

The club received an information packet on the Cascade Amateur Radio Society's 4th Annual Hamfest and Computer Show. The date is August 8th and the place is Jackson, Michigan. For more information contact me, KB9KQA, or come to the next club meeting!

A new member was accepted into the club. Welcome to Ervin Busse, W9OVO!

Janice, N9IQZ, read a letter to the Club from Kuby, N6JSX. Along with the letter, Kuby also renewed his membership for 2 more years.

Mary, KB9GOY, and Ken, K9HAG, volunteered to provide the program for the next club meeting. It will be a tape of their adventures in New Zealand.

Ideas are being sought for a club picnic. We are looking for a location, type of picnic (pot luck, fish boil, etc.) and a date. Anybody with ideas, please pass them along to Janice, N9IQZ.

Red, N9GHE, motioned to end the May club meeting and Len, N9QFO, seconded the motion.

The meeting adjourned at 1956 hrs.

Submitted for approval:
David P. Shemchak, KB9KQA, Secretary

Meeting Attendance

Glenn	AA9MT
Janice	N9IQZ
Dave	KB9KQA
Ron	WS9X
Mary	KB9GOY
Red	N9GHE
Ken	K9HAG
Len	N9QFO
Paul	N9QFX
Bob	KB9INK
Vic	WB9VYO
Don	KB9NTL
Fred	W6BSF
Bill	K9DUX

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At University of Wisconsin, Stevens Point



WB9QFW 2-Meter Repeater 146.07-.67 and Club Station

P. O. Box 923 • Plover, WI 54467

MEETING MINUTES May 14, 1997

President Mary Eiden, KA9FAS, called the meeting to order at 7:32 p.m. This month's program was presented by Mike Pagel, KA9LAQ, who showed a videotape of amateur videos of tornadoes. It was an interesting presentation.

The secretary's report was, as announced by secretary Mike Eiden, WD9JID, in the *Badger State Smoke Signals*. The treasurer's report was given by treasurer Joe Larson, N9JW. Both the minutes and the treasurer's report were approved as read.

Mike Pagel, KA9LAQ, reported that he has updated the repeater autodial numbers. He asked that all members try their autodial numbers to make sure that they work. He reported that the 67 repeater is

working well. Bob Baird, W9NN, reported that the 985 repeater is also working well. Mike also reported that he nothing as of yet for a program.

Joe Larson, N9JW, reported that he needs for people for sign up for specific times for Special Olympics. He had the sign-up sheet there and asked that people sign up. Dave Olson, N9JQU, explained our role in Special Olympics. He also explained how our role has changed over the years. He also gave a brief description of what is going to take place. He said that there will be the usual volunteer meetings on Monday, June 2 and Tuesday, June 3. He also stated that our help is very much appreciated and needed.

John Feltz, WA9LWJ, reported that all is going well with the swapfest. He gave a

Please turn to page 16



SHEBOYGAN County Amateur Radio Club

Chris Jacobs, N9VKC, Secretary
W4065 Dekker Rd., Waldo, WI 53093

MEETING MINUTES May 13, 1997

The May meeting of the Sheboygan County Amateur Radio Club was brought to order by Penny, N9TCF.

The minutes of the last meeting were approved as printed in the *Badger State Smoke Signals*.

Steve, N9TRK, gave the treasurer's report. There is \$958.98 on hand.

Members were reminded that club dues are due in June. It is \$10.00 for students/new hams, \$30.00 for a family, and \$20.00 for individuals.

The Rockets for Schools event is scheduled for May 17th. Volunteers were asked to be at the Lake shore at 8:00.

Other special events scheduled are: Wings and Wheels, June 15th, 10-12 people needed.

Field Day, June 28th
Parade, July 4th
Holland Fest, July 26th
Old Plank Road Classic Sept. 13th
Boy Scouts on the Air Jamboree October.

Volunteers are needed for all events. There is a V.E. session scheduled for the Red Cross Building at 6:30 p.m. on May 27th.

A fox hunt was scheduled for May 24th at 1:00. Check-ins are at 12:30.

N9TCF is the fox.

May 18th at 6:30 was set for construction night at the Red Cross building.

Net control operators for the 7:00 Monday night nets volunteered.

A vote was taken to remove Section III, Article III of the Constitution and By-Laws of the SCARC. Of the 17 members present, there were 14 votes for the change and 1 vote against. Section III, Article III will be removed.

Nominations were heard for board members for the term starting June 28th as follows:

President: AA9LV, Francis, and N9-ZMO, Kurt, Vice President: WB9FXQ, Larry, and AC9C, Steve; Treasurer: N9-TRK, Steve; Secretary: KF9SJ, Mike; Board Members: KB9LYT, Chris, KG9-BO, Josh, KF9SJ, Mike.

Art, K9XJ, gave a very interesting DX report.

Mike, KF9SJ, gave a report on Field Day preparations. A few pieces of equipment are needed. Noon on June 27th will be the set-up time.

June 10th at 7:00 is the next scheduled membership committee. The program will be on net operation.

Respectfully submitted:
Larry J. Bahr, WB9FXQ
Acting Secretary

Participating Clubs

Please keep in mind that in order to have your club's information to us in time for publication, it must be sent no later than five days after your club's meeting. Putting the paper together is not easy anyway, and the earlier we get your copy, the more we know about how much space we will need to allocate. Also, if you send your copy on disk or by e-mail, send it ONLY in ASCII, not in other formats (with a few exceptions, and they know who they are). We use Word Perfect 6.0, making it an "older" version. That means it does not recognize some word processors' formats. We thank you for your cooperation. It is a pleasure to serve you.

K9ZZ

list of all the dealers that are coming to the swapfest. He stated that he is still a few tables short, but he thinks that he might have access to some, but if anyone knows where there are some, to contact him. His number is 715-457-2506. He said that Saturday is set-up and that he needs people to help with the set-up. The will be a cook-out for the people that are there to help. He stated that he has really advertised this time in magazines, radio and TV stations, and also there will be an ad in the Point paper. He also urges everyone to sell raffle tickets. He had extra flyers for people to take to put up.

John also said that he had nothing much to report new on Field Day.

Mike Pagel, KA9LAQ, reported that Scott Jasper, NE9U, has resigned as EC of Portage County. He stated that anyone can help out if needed.

Jerry Fadness, W9GF, reported on the Advanced class recently held. He reported that the class went well. There were 5 people that passed their Advanced exams and 1 person passed his Extra Class exam.

exams!

John Feltz, WA9LWJ, announced that Steve Kochanowski, KB9IIE, has been selected into the Air Force Academy. Congratulations, Steve!

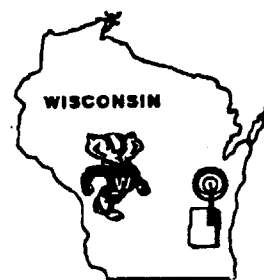
The meeting was adjourned at 9:01 p.m.

Next month's meeting will be held on June 11, 1997 in Room A-107 in the UWSP Science Building at 7:30 PM.

Attendance

Mike Eiden	WD9JID
Mary Eiden	KA9FAS
Gene Kroll	KE9MA
Deb Kroll	N9EIL
Al Mallek	N9WBS
Bob Baird	W9NN
Art Wysocki	N9BCA
Jerry Fadness	W9GF
Dave Olson	N9JQU/AA
Mike Pagel	KA9LAQ
John Feltz	WA9LWJ
Joe Omernik	N9CGV
Joe Larson	N9JW
Mike Urban	KB9GXV

Respectfully submitted:
Mike Eiden, WD9JID
CWRA Secretary



Washington County Amateur Radio Club

Tom Waldschmidt, N9LZW,
Secretary
465 Elder Lane
Allenton, WI 53002-9799



Club Repeater: 146.73 MHz

<http://www.nconnect.net/~WCARC>

MEETING MINUTES May 8, 1997

The May 8, 1997 meeting of the Washington County ARC was called to order at 7:36 p.m. by president Gary Sutcliffe, W9XT, with eleven members attending. Gary began the meeting by asking for personal introductions.

The minutes from the April membership meeting were read by secretary Tom, N9LZW. There was a motion by Sherm, W9NGT, seconded by Larry, WB9BVB, to approve the minutes. Motion carried.

The financial report was read by Treasurer Dave, KA9RNU. There was a motion by Jim, KB9LTW, seconded by Bob, KG9CW, to accept the financial report. Motion carried.

REPEATER REPORT

A repeater report was given by Sherm, W9NGT. Sherm reported that he had checked the repeater sensitivity from several locations and said that it was excellent. A technician with a service monitor will be going over the repeater operation, as soon as time becomes available. Sherm also said that the quality of the cavities is questionable and that there appears to be too much loss in the cavities. Brian, N9LOO, questioned the status of PL. Sherm, W9NGT, and Gary, W9XT, said that the committee is trying to acquire the correct element so that the repeater will transmit the coordinated PL tone.

FIELD DAY

Walt announced that he has accepted the position of Field Day Chairman. Walt explained that he will be contacting the St. Lawrence Fire Dept chief to get approval for use of the grounds. Gary, W9XT, said that next month's meeting program would be dedicated to discussing last minute details on Field Day.

FOOD COMMITTEE

Larry, WB9BVB, reported that the Parkside Cafe is now called the Applewood Cafe. This Saturday's breakfast will be held at the Mineshaft in Hartford.

PROGRAM CHAIRMAN

Gary, W9XT, announced that Brian, N9LOO, has volunteered for the Program Chairman position with the club. Gary thanked Brian and challenged everyone else in the club to come up with program ideas. Gary joked that Brian had his permission to twist arms, break legs, knock knee caps with lead pipes or whatever he needed to do to get programs for the meetings.

ARES REPORT

Emergency Coordinator Walt, N9LLS, reported that ARES provided communication support for a 10K Run/5K Walk held recently at Pike Lake State Park. This was a fundraiser for the park. The ten club members who participated are: Chris, N9ZES; Bill, N9IBU; Walt, N9LLS; Bob, KG9CW; Rip, W9SIZ; Jim, KB9LTW; Chuck, KG9IG; Brian, KB9NLF; Virginia "Ginny", KC9ET; and Larry, WB9BVB.

OLD BUSINESS

Gary, W9XT, said that the AES Superfest was held this past weekend and that the club had an information table there. Larry, WB9BVB, said that the table was in a good location and many attendants stopped to talk. One new member has already been signed up because of it.

Jim, KB9LTW, held a detailed discussion of plans for the proposed packet LAN. He handed out outlines that listed various aspects of a LAN system that needed to be considered. During the following discussion, Sherm, W9NGT, offered to build the antenna, if a mast is provided, and also, a power supply for the radio. Gary, W9XT, offered to provide data cables. Several proposed sites will be evaluated.

NEW BUSINESS

Larry, WB9BVB, said that it would be nice to have a banner made for the club. Gary, W9XT, said that he will obtain information on a banner through a supplier that he is familiar with. The club had previously researched the purchase of a banner but at that time the costs had seemed prohibitive.

Walt, N9LLS, said that he did not want to be reimbursed for the cost of the ARRL video tape and that he was donating the tape to the club. Last month the club approved a motion to reimburse Walt for his expense.

Gary, W9XT, suggested that the club consider some type of group construction project. The club would obtain the parts in bulk and then the units would be assembled on meeting nights. Gary mentioned a 10 meter QRP transmitter as an example. Sherm, W9NGT, suggested building field strength meters. He said that they could be built at a very low cost. Sherm's idea was considered a good one by the members present.

Gary, W9XT, asked how many members had brought projects for the homebrew contest. There was one entry for the Novice/Technician category and two for the General and above category.

Gary also questioned how many present were going to the Dayton Hamvention. Four hands were raised.

There was a motion by Sherm, W9NGT, seconded by Bob, KG9CW, to adjourn the meeting. Motion carried. The meeting adjourned at 8:40 P.M.

Homebrew Contest

Jim, KB9LTW, was the only entry in the Novice/Technician category this year so he won by default. Maybe the competition knew what they were up against. Jim picked up an old Motorola Pulsar telephone at a swapfest and converted it into a nifty 50 watt 2 meter amplifier. With one watt of input a switch selects either 25 or 50 watt output settings. Jim explained some of the difficulties he encountered with his project. He said that he was really motivated when Larry, WB9BVB, described his swapfest find as nothing more than junk. Jim wins a free one-year club membership for his work.

Gary, W9XT, and Larry, WB9BVB, were the two entries in the General and above category. Larry would win by a vote of 5 to 3 with his slow scan tv interface project. It consists of an isolation box and circuitry that prevents RFI and AC hum from the sound card. Three votes had to be voided because they were votes for KB9LTW who wasn't competing in this category. Larry wins a free one-year club membership for his work.

Gary also had a winner with his Beverage antenna system. It is designed as a receive antenna only and acts to reduce atmospheric noise. Switches allow the antenna to be directed toward different continents, as desired. Gary is very active in contesting so this gave him an edge this winter. The antenna is not recommended for summertime use because of the lightning hazard.

Congratulations to all three of the homebrewers for making the contest very informative and interesting. Now, for the rest of us, let's get to work on next year's projects!

Club Calendar

June 05, 7:30 P.M., Net, 146.730
June 07, 9:00 A.M., Club breakfast, Applewood Cafe, Jackson
June 12, 7:30 P.M., Membership meeting, Courthouse, West Bend
June 14, 9:00 A.M., Club breakfast, Mineshaft Rest., Hartford
June 19, 7:30 P.M., Net 146.730
June 21, 9:00 A.M., Club breakfast, Woodview Rest., West Bend
June 26, 7:30 P.M., Net, 146.730
June 28, 7:00 A.M., Club breakfast, Corfu Rest, Hubertus
(Note: Earlier time due to Field Day setup.)
June 28, 8:30 A.M., Field Day setup, St. Lawrence Fire Dept.
(Note: Set some time aside for Operating and Logging!)
June 29, Noon, Field Day takedown, Same place!

Red Cedar Repeater Association, Inc.

Steve Hart, KA9OMC, Secretary

E616 810th Avenue

Knapp, WI 54749

2-Meter Repeater: 146.01 Input/146.61 Output

Greetings, RCRA sponsors and guests. Congratulations go to spring graduates N9KOS, Dan Ley, and N9GQU, Mike Ley.

N9WJY, Rod Steele at Chippewa Falls is now AA9UK.

Deena Kinney at Eau Galle is now KB9QGK. Deena and OM James, KB9-LUK, are also expecting a new harmonic soon.

N9FVR, Chuck Thomas, reports that EAA Chapter 509 now has a new club house at the Eau Claire Airport.

W9AVM, Jim Humphrey at Elk Lake, recently reflected on his experience on board an aircraft carrier in the recovery of Apollo 16.

Get wells to WB9OKQ, Lyle Miller at Star Prairie, who suffered a broken foot,

and to KB9AGC, Melvin Stans at Downing, who had a defibrillator installed.

All the best to N9TTV, Glenn Thompson at Cedar Falls, on his retirement from UW Eau Claire. Glenn has been instructing distance learning. He and his wife expect to move to a southern state.

Our sincere thanks to Glenn for his dedication to our auctions that he has worked on, and for his general concern about everyone and everything involved with our activities.

As your secretary, I wish to thank all of you for the very nice plaque presented to me at the April social hour.

Steve Hart, KA9OMC
RCRA Secretary/Treasurer

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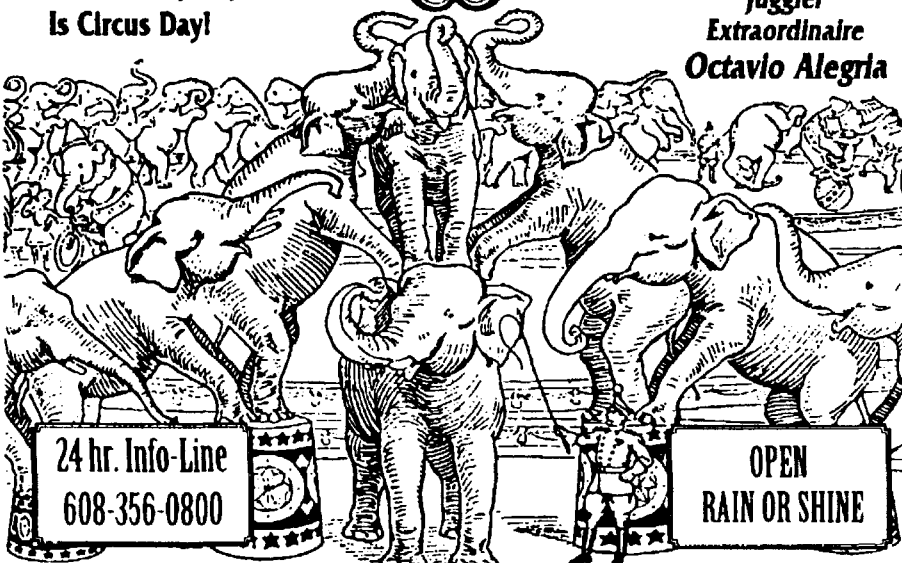
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New ham toys debut at Dayton Hamvention 1997

It most definitely did not rain during the Dayton Hamvention! An upbeat crowd reveled in three days of beautiful spring weather May 16, 17 and 18 at the Hamvention--the world's largest annual ham radio gathering. Hamvention Chairman Dick Miller, N8CBU, estimated that between 27,000 and 28,000 people attended Dayton this year, and many vendors reported brisk sales (some even ran out of available stock and had to have new units rushed to Dayton), reflecting an overall brighter outlook within the hobby.

For many hams, Dayton is an annual pilgrimage--an opportunity to renew on-the-air acquaintances face-to-face, to seek out flea market bargains, or to be the first on their block to see the hobby's newest toys in the flesh as manufacturers and vendors hope to wow the crowds with their latest offerings.

One of the more intriguing pieces of gear that attracted the curious came from Kachina, a company largely unknown to most hams. The Kachina 505DSP computer-controlled HF transceiver, which its manufacturer calls "a new approach to Amateur Radio," has no knobs, buttons or meters--nor a front panel for that matter. It's a compact box you interface with and control via a Windows-capable PC! Kachina, a US firm based in Arizona, has been well known in commercial radio circles for more than two decades. Under development for almost three years, the 505DSP offers 100 W output on all MF and HF bands and DSP filtering in the second 40-kHz IF. (The only crystal filter is a six-pole crystal "roofing" filter in the front end that has a 20-kHz bandwidth. All other receive filtering is done using DSP techniques.) Operator control is via the PC mouse and keyboard using on-screen icons and pull-down menus. A microphone, key or keyer paddle plug into a panel that fits into a standard hard-drive or CD-ROM bay on your PC. The Kachina 505DSP will sell for just under \$2000 (not including the PC). It's scheduled to be available in July.

Ten-Tec, Collins and ICOM also demonstrated panel-less DSP PC-controlled HF receivers at the Hamvention.

Tiny hand-held VHF, UHF and dual-band H-Ts captured the imagination of the Dayton crowd. Yaesu, Alinco and Standard debuted diminutive H-Ts. Yaesu describes its new VX-1R as the "world's smallest dual-band hand-held with wide receiver coverage." It offers 500 mW output (or 1 W with external power), a rechargeable lithium ion battery, and 290 memories. It will be available July 1. Alinco debuted its DJ-S11T economically priced, pocket-sized 2-meter H-T--a companion to its DJ-S41T for 440 MHz. Pending FCC approvals, Alinco also hopes to have its "revolutionary" DJ-C1 2-meter "micro-transceiver" on the market later this year. The super-thin transceiver is only slightly larger than a credit card and about as thick as a typical pocket calculator. Both the DJ-S41T and the DJ-C1 put out about 300 mW. (A DJ-C4 for 70 cm also is in the offing.) Standard introduced its flexible and very compact C510 dual-band hand-held that provides 1 W output by itself and up to 50-W output when coupled with an optional accessory unit.

Potential buyers and the just-plain-curious also got their first look at Yaesu's new FT-920 transceiver that covers HF and six meters. The 100-W transceiver incorporates DSP features on both receive and transmit.

Kenwood rolled out its new Sky Command system that permits remote control of its TS-570 or TS-870 transceivers via two H-Ts and an interface box.

Drake returned to the Amateur Radio market with the TR270, a desktop two-meter FM transceiver that includes a built-in AC power supply and independent, dual-band receive capability in the 420 to 470 MHz and 136 to 174 MHz ranges. The Drake TR270 puts out 25 W.

Ham radio manufacturers said they sensed greater optimism about the hobby among those that stopped by, coupled with an upswing of interest in HF transceivers.

Here it comes again..

FIELD DAY



One of the biggest operating events every year is Field Day, sponsored by our national organization, the American Radio Relay League. To put you even more in Field Day mode, we thought a photo might remind you of the work, the fun, the sometimes balky generator, the hungry/thirsty mosquitoes, the often primitive sanitation facilities complete with bees and wasps but sometimes missing paper, and so on. Somehow, though, we all prevail and get the job done. In this photo are Jim Paul, N9LKY (left), and Bill Klinkner, N9KXX (who, with some help from wife Anne, has a new baby), at Field Day 1996. This is the site of the Yellow Thunder Amateur Radio Club's trials and tribulations at Owen Park in western Columbia county. The club welcomes visitors. To make it fun, it is a contest, but it also works very well in teaching us how to use makeshift setups, including antennas, for real emergencies. Field Day is operated by clubs and groups in the U.S. and Canada. Remember, take some good, properly exposed and focused photos, either black and white or color, and send a few to the ARRL with your entry. BSSS would like to print a few, too! Send 'em to K9ZZ, please.

As Chip Margelli, KJ7A, of Yaesu put it: "Overall, it was a tremendous weekend which exceeded our most lavish expectations." Doug Wynn, KB6YZD, of Alinco, also was ecstatic. "We were very im-

pressed with the size of the crowd and the interest they showed in our products," he said. Dayton Hamvention 1998 is May 15-17.

- The ARRL Letter, 5/22/97

FCC issues new form 610; old versions still valid

The FCC has just released a new Form 610, dated March 1997, that--among other minor changes--now includes a space for your Internet address. The new form is available via the FCC's Internet site (<http://www.fcc.gov>) and via the FCC's fax-on-demand service (202-418-0177; to obtain Form 610, the form number to request is "000610;" Form 610A is "006101;" Form 610B is "006102;" and Form 610V is "006108." Form 159, of interest to some vanity filers, is "000159").

The form is much the same as the previous Form 610, dated March, 1995, except that item 3A asking for the applicant's "Internet Address" is included on the same line as the street address. The environmental impact question, formerly item 6, has instead become a statement in the applicant certification section where the applicant certifies that "the construction of the station would not be an action which is likely to have a significant environmental effect (see the Commission's Rules 47 CFR Sections 1.1301-1.1319 and

97.13a)." The former item 7 has become item 6 on the new Form 610.

According to staff members at the Gettysburg FCC office, the FCC will continue to accept any of the three Forms 610 (dated November 1993, March 1995 and March 1997) until further notice.

- The ARRL Letter, 5/22/97

Revised vanity call sign electronic application available

On May 19, 1997, a revised version of the electronic Amateur Station Vanity Call Sign Request form (FCC Form 610-V) was made available on the Internet at <http://www.fcc.gov/wtb/amradsrv.html>. Under "Amateur Station Vanity Call Sign System" choose "Interactive Vanity Call Sign Application." This version allows a user to file multiple applications using one FCC Form 159 (Remittance Advice), thus permitting several applicants to file vanity applications at the same time and combine their fee payments. The fee will calculate and preprint on the FCC Form 159, depending on the number of applications submitted. Detailed instructions are available by clicking on the item number on the Internet form. Previously, applicants had to complete a separate FCC Form 159 for each application submitted electronically.

Electronic payment is not yet available, and applicants must mail a completed FCC Form 159 with payment to FCC, Box 358994, Pittsburgh, PA 15251-5994, immediately after submitting any electronic application(s).

For technical assistance, contact the FCC Technical Support Group, 202414-1250. For general questions regarding the application or fee, call the Wireless Telecommunications Bureau Consumer Assistance staff, 800-322-1117.

--FCC

- The ARRL Letter, 5/22/97

First vice president Mendelsohn defends League in Dayton debate

ARRL First Vice President Steve Mendelsohn, W2ML, debated former *HR Report* editor Joe Schroeder, W9JUV, as part of a "ham radio town meeting" broadcast live via the Internet as part of the Dayton Hamvention. The Saturday afternoon face-off was the first of four during a forum addressing the future of ham radio. Ham Radio & More radio host Len Winkler, KB7LPW, was the moderator.

Responding to the question, "Is the ARRL doing all it can to promote the future of ham radio?" Schroeder--who made it clear he was a League member and critic and not a League basher--asserted that the League wasn't doing enough to fend off challenges to our bands and has not been effective in assimilating no-code licensees and newcomers to the hobby.

Mendelsohn assured the gathering of some 150 onlookers that the ARRL was working--sometimes quietly and behind-the-scenes--to "educate those in Congress who would sell our frequencies" about ham radio and its contribution. Focusing specifically on the Little LEOs issue, Mendelsohn said ARRL representatives were, at that moment, in Geneva, Switzerland, "promoting the idea that [low-Earth-orbiting satellites] are a good idea for some other band," while other League efforts promote the hobby's public service contribution to local decision makers.

Mendelsohn said the League is "only the sum of the input of its members," and he encouraged individual hams to approach newcomers and "show them the magic" of ham radio. "It's called Elmering--one on one," he said. Mendelsohn explained that a system is in place to alert section managers and club coordinators to all newly licensed individuals in each section, but he said that Headquarters has not gone out and directly sought newcomers. "One hundred people in Newtonington cannot do what 172,000 members can do," he said.

When Winkler took questions from the audience, Schroeder supported a call from one ham for direct membership election of the ARRL's president. Mendelsohn declined to offer an opinion on the suggestion, but pointed out that it would require action by the League's Board of Directors and a change in the by-laws.

Long-time League member Larry Roll, K3LT, urged those on hand to support the League and to get involved. "It's the organization we have. We must steer it," he said.

Mendelsohn concluded that the League was "doing all that it can, within financial constraints, to promote the future of ham radio," while Schroeder maintained that there were "still a few areas that need improvement."

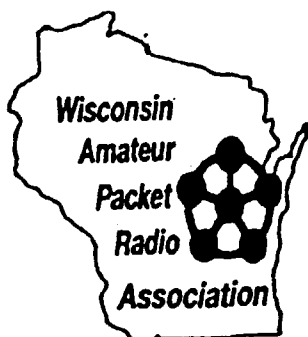
Other issues debated during the two-hour long forum included whether to set aside band segments where contesting would be banned, whether the Internet was killing ham radio, and whether the CW requirement for HF privileges should be abolished. The forum Internet broadcast was produced by Amateur Radio Newsline's Bill Pasternak, WA6ITF (who also participated in one debate). TAPR's Greg Jones, WD5IVD, arranged the Internet hookup.

- The ARRL Letter, 5/22/97



WANTED: Microphone for Azden PCS 2000. Call (715) 283-4373 and ask for James.

FOR SALE: Kenwood 440, Yaesu FT-757, and several HTs. Call (715) 665-2431 and ask for Ron.



THE WISCONSIN PACKETEER

Wisconsin Amateur Packet Radio Association
Bob Gedemer, KA9JAC
609 Wilson Street • Neenah, WI 54956

Andy Nemec, KB9ALN, Editor • 720 N. Broadway (Upper West) • Green Bay, WI 54303

WAPR News - June 1997

Hello again, everybody. It has been a cool, wet May for the most part and by now we are ready to take in the sun and get to those long-delayed outdoor projects. Along with the usual springtime chores, I hope you have found time to play radio and not stray too far from your packet station.

The news this month is the WAPR meeting to be held June 8th at the Junction City Hamfest. Hope you can make it and bring your interest in packet radio along. Packet operators in Wisconsin have some great ideas, and we need to hear them. Your participation in, and support of WAPR is essential for the packet radio network in Wisconsin. Not only will you find a nice bunch of people to socialize with, you will find a great deal more about the Wisconsin packet radio network that you might have known had you not attended. Hope to see you there.

Have you checked out the WAPR home page yet? I have been urging people to do so, but shot myself in the foot when I gave the wrong URL. The correct WWW address for the WAPR home page is: <http://netnet.net/~ke9lz>.

Recently I was able to check into it and explore it in a little more depth than in the past. It is a great resource for all packet operators, and a convenient way to get loads of information. It has links to the TAPR home page, as well as other packet-pertinent pages. Need to know how the AX.25 protocol is constructed? You will find a convenient link on the WAPR page that leads you to it. There is a wealth of material for packet-minded hams there alone.

You will also find the Wisconsin Node List and the Wisconsin Packet Radio Bandplan there.

And oh, yes, there is a link to the University of Arkansas Call-Server. I won't tell you about the other links, you can have the fun of finding them yourself.

Now onto another subject. We have the use of a sophisticated volunteer digital communications network at our disposal, and are lucky enough not to have to pay \$19.95 monthly for it. This is the time we should be saying "Thanks" to the folks who have put up the money, time, radios and enthusiasm needed to keep this network operational and growing.

While WAPR tries to help fund the statewide network as much as our budget will allow, there is so much we can't do. Individuals and local radio clubs actually are the ones who build this network. And they often do it with little or no financial assistance. WAPR coordinates and gets people together so that we have a networked system rather than individuals operating nodes and BBS's.

So why not help your local node operator out, whether it

is a club or an individual? Some refuse to take contributions, they are lucky enough to have the resources to do it alone. Others could really use the help. Why not check with the local node operator and see if a contribution is welcome? This, in addition to a hearty thank-you will go a long way toward helping maintain our network.

That's all for this month. Until next time, 73 from Andy.

Using the Wisconsin Network - Part 28 by Andy Nemec, KB9ALN

Last time we started a general discussion of "door-to-door" mail delivery. It is possible, with a little configuration, to have your local BBS deliver mail right to your TNC, without having to check into the BBS itself. And it is possible, with a lot of TNC's, to send outgoing mail directly into the BBS. This time, we will talk about configuring one specific TNC, the Paccomm Tiny-2. While the command structure for this TNC is identical to other TAPR-2 clones, there are subtle differences seen when it comes to setting up the mailbox so that it does what we want it to do.

Just a word of caution before we begin. You will need the cooperation of your BBS's Sysop in order to do this. You should also reread the cautions that appear in part 27. This is very important - improper operating can cause problems on your LAN. We will presume you have done this by now, and we can investigate what this TNC can do.

In addition to accepting your incoming mail, the Tiny-2 can forward personal messages to your local BBS so that it can pass them through the network to their destination. It will only forward messages that are specifically designated (marked) for forwarding. There is a provision for automatically marking messages for forwarding, though.

In the Tiny-2, forwarding is supposed to only take place during a "reverse forward" request. In order for your TNC to get this request, it must first be the recipient of a forwarding session from your BBS. In other words, your outgoing mail will only go out to your BBS if you have received mail from your BBS. There is a provision for forwarding to one specific mailbox/BBS, so you can "beat the system" on this.

We will cover all of the pertinent commands alphabetically, so that you can follow along in your manual easily.

AUTOFWD ON. It automatically marks messages for forwarding.

CLKSET OFF. This will not allow a BBS to update your TNC clock. You may use local time, the BBS UTC.

FORWARD This is used to manually mark messages for forwarding. No need for this, **AUTOFWD** is ON.

FNPMs <xxx> xxx is the call-sign (not alias) of the node you will use to connect to your BBS. Only one is allowed. You may also use a digipeater (not recommended) after the node call.

FPMS This will be the call-sign of the BBS you will exchange mail with.

HOMEBS This is your home BBS. Although there is a provision for an SSID, SSID's are not used in the hierarchical BBS address scheme and are not used here.

KILLONFWD ON Will delete any message from your mailbox that has been sent out of your mailbox and into the BBS. This will help keep the mailbox clear so that it can accept new messages.

NODETEXT <x> This is the command you send to any node used to connect to your BBS. The TNC will use this the same way you do. If you connect to node WZ9APR-1 to get to the BBS WZ9APR-5, you send the node this command: C WZ9APR-5. Your TNC has to use the same path, so <x> is C WZ9APR-5

In addition to these commands, there are others that are optional and may want to change. These are:

3RDPARTY This allows other people to use (and possibly abuse) your mailbox. If it is off, only select people are allowed use of your mailbox. **MSGHDR** This allows a line with "From <call> <date>" to appear at the top of outgoing messages. This is a preference matter, but note that BBS messages normally have this data already.

MSGROUTE This will allow the forwarding path to be displayed in the message.

RFPMS This is the node call-sign used to get to the BBS. It is similar to **FNPMs**, but is used only during forced (manual) "reverse forwarding".

RFPMS This forces a "reverse forward". It is an immediate-mode operator command, and asks your TNC

to connect to a BBS to see if there is any mail waiting for it.

TKILLOK Allows any NTS traffic originating at your station to be killed by anyone connecting to your mailbox.

Of course, you should be familiar with the usual operating aspects of your TNC's mailbox before getting into this seriously. And by all means, be sure to follow your BBS sysop's advice when setting these parameters (even if they differ from mine!) because he or she knows their system best. And after all, this is a cooperative effort between you and the sysop. And that is what it takes to have a truly automatic mail system - human cooperation.

Until next time, 73 from Andy

THE TEST POINT

(continued from page 3)

registrations should be directed to Robert N. Jensen, W0WLN, 5616 Cambridge lane #6, Racine, WI. Telephone (414) 886-8551.

TOMAHAWK, WI

Last Saturday of every month. Jan. thru Oct. Tomahawk Volunteer Examiners (ARRL/VEC). Tomahawk, WI. No preregistration required, but appointment would be appreciated. Registration at 8:30 a.m. and testings starts at 9:00 a.m. For location or other information, inquire on 145.43 MHz. repeater or contact: Terry Collins, KB9AUP, W6564 Highway 8, Tomahawk, WI 54487. Telephone (715) 453-4633.

APPLETON, WI - ARRL/VEC MANITOWOC, WI (HAMFEST) KAUKAUNA, WI (HAMFEST)

Conducted by the Fox Cities ARC VE team. All test sessions in Appleton are held at James Madison Jr. High, 2020 S. Carpenter Street. Testing starting at 8 a.m. For Appleton information, contact George R. Croy, W9MDP, 2113 Twin Willows Drive, Appleton, WI 54914. (414) 730-0967. For Manitowoc or Kaukauna information, contact Larry Siebers, KD9IA (414) 759-1167.

STEVENS POINT, WI (ARRL/VE)

Held in room 107, of the UWSP Science Building, on the corner of Fourth and Reserve Streets in Stevens Point. Contact Joe Larson, N9JW evenings at (715) 344-1182.

PEWAUKEE, WI

Kettle Moraine Exam Team. Held at the Pewaukee WCTC Campus Science Building, Room S101. 9:00 a.m. to Noon. Contact Al Johnson, AA7CS. (414) 568-0836. 103357.3222@COMPUSERV.COM

OSHKOSH (OMRO)

The Oshkosh VE Team will administer Amateur Radio exams monthly on the first Saturday. Registration begins at 8:30 a.m. and exams will be given from 9 a.m. until noon at the Omro Community Center, 130 W. Larrabee, Omro, WI. Walk-ins welcomed. Bring a good quality photocopy of your original license and any other necessary documents such as a CSCE, etc. The first session will be through W5YI/VEC, and then sessions will alternate between ARRL/VEC and W5YI/VEC. The exam fee is \$6.25. For more information, please call Dick Lemme, K9FA, at (414) 235-0987, e-mail lemme@vbe.com, or write Dick at 826 Jefferson Street, Oshkosh, WI 54901.

EAU CLAIRE

The Eau Claire ARC will hold exam sessions on the second Saturday in the months of January, April, and October, as well as on the date of their annual hamfest during the summer. For further information contact: Carl F. Searing, W9NW, 1129 Mc Kinley Road, Eau Claire, WI 54703-2219. (715) 834-1303.

REDGRANITE, WI (W5YI VEC)

The Radio Amateurs of Wisconsin (RAW) will be holding test sessions at the Civic Center in Redgranite, 202 Pine River Road, one block from Highway 21. Registration at 8:45 a.m. with testing at 9:00 a.m. Bring two forms of identification, \$6.25 per test, two copies of all original documents, CSCE's, Licenses, etc. All are welcome for breakfast at the Curve Inn on Highway 21, preceding the exam session. For further information, contact: Mark Miller, N9WT, (414) 231-

1662 or Sharon Gramza, N9YGN, (414) 566-2362.

MENOMONIE, WI

The Menomonie, WI VE team will conduct its 1997 exams on Saturday, Saturday, November 1, 1997. At UW-Stout Communication Center, 820 South Broadway, Menomonie, WI. Walk-ins only, 9:00 a.m. to 11:00 a.m. Contact: Jim Ley, NX9F, (715) 232-1397 (W) or (715) 235-3998 (H).

WISCONSIN DELLS, WI

Wisconsin Dells City Hall, City Council Chambers. 10:00 a.m. to 2:00 p.m. Contact: K9WD, (608) 254-2895.

HUDSON, WI

Testing is held at the St. Croix County emergency government Center on Carmichael road in Hudson, WI. Registration begins at 8:00 a.m. and testing begins promptly at 9:00 a.m. Contact: Greg Miller, KB9JHL, 503 4th St., Hudson, WI 54016. (715) 386-9857.

MEDFORD, WI (ARRL/VEC)

Sponsored by the Taylor County Area ARC. Saturday, June 14th, 1997. Testing for all classes. Registration starts at 8:30 a.m. with testing at 9:00 a.m. in the conference room in the lower level of the Sheriff's annex to the Taylor County Courthouse, corner of 2nd and Ogden Sts., Medford, WI. Take Ogden St. west off Hwy. 13 to the courthouse. Park in the lots on the east or south sides of the courthouse or on the street. Please use the entrance on the south side of the courthouse and watch of the signs. Talk-in on the 147.15 (+600 KHz.) repeater. Walk-ins welcome, however, if you know you'll be attending, it would be appreciated if you call ahead. Contact: Tom Hrdina, N9GEN, 2373 Willow Ave., Medford, WI 54451. (715) 748-4054.

MARSHFIELD, WI (ARRL/VEC)

Sponsored by the Marshfield Area ARS. Held at St. Joseph Hospital, 611 St. Joseph Ave., in the 1st West classroom located adjacent to the Westwood Cafeteria on the main floor of the hospital. Use the main entrance or any other entrance and follow the signs to the cafeteria. Registration starts at 8:30 a.m. with testing starting at 9:00 a.m. Talk in on the 147.18 Marshfield repeater. Walk-ins welcome. Contact: Walter Friant, WBOKIN, 2310 Wallonie Drive, Marshfield, WI 54449 (715) 387-3870.

ADAMS-FRIENDSHIP

The Adams County ARC is sponsoring an Amateur radio exam session on June 28th, 1997 at the Friendship Fire Department, 507 W. Lake St. (County Hwy. J), Friendship, WI. Contact Karl E Somonson, KB9EQI, PO Box 222, Necedah, WI 44646-0222. (608) 565-6533.

CEDARBURG, WI - ORC HAMFEST
EAU CLAIRE, WI - ECARC HAMFEST
GREEN BAY, WI - ARES HAMFEST
HAYWARD, WI - HAYWARD HAMFEST
KAUKAUNA, WI - SWAPFEST
MANITOWOC, WI, LAKESHORE HAMFEST
MARSHFIELD, WI - HAMFEST
OAK CREEK, WI - SMARC HAMFEST
RACINE, WI - RACINE HAMFEST
RHINELANDER, WI - NWARC SWAPFEST
ROCKFORD, IL - RARC HAMFEST
ROTHSCHILD, WI - WVRA HAMFEST
SOUTH MILWAUKEE, WI - SMARC HAMFEST
STEVENS POINT, WI - CWRA SWAPFEST
WAUKESHA, WI - KMRA SWAPFEST
WAUKESHA, WI - MIDWINTER SWAPFEST
DUBUQUE, IA - HAMFEST

See the Swapfest column for additional information and contact persons.

DUBUQUE, IA - ARRL/VEC

Dubuque Hamfest. Contact: Carl Clark, NOKAX, 2145 Delicia Drive, Dubuque, IA 52001. (319) 557-9149.

LOVES PARK, IL

Third Saturday of every month. Northern Illinois Volunteer Examiners (W5YI VEC). Held at North Suburban District Library, 6340 North Second St. (Hwy. 251), Loves Park, IL. Contact: Dennis G. Eksten, W9SS, (815) 877-6768.

MINNESOTA TEST INFORMATION

From "The Ground Wave", Saint Paul Radio Club.

Saint Paul Radio Club (SPRC)

Contact: Jay Bellows, K0QBE (612) 222-7253
Test Site: St. Paul Technical College
235 Marshall Ave.
St Paul, MN
First Saturday of the month, 8:30 a.m.

Anoka Amateur Radio Club (AARC)

Contact: Art Mundy, W0FYX, (612) 571-7441
Test Site: Blaine City Hall
9150 Central Ave NE
Blaine, MN
Second Saturday of the month, 9:00 a.m.

Bloomington Amateur Radio Club (BARC)

Contact: Dan Royer, KE0OR (612) 888-9756
Test Site: Creekside Community Center
98th & Penn Avenue S
Bloomington, MN
Second Saturday of the month, 9:00 a.m.



Yellow Thunder Amateur Radio Club

WB9FDZ (Original Club Call)
K9ODK (Robert L. Prine Memorial Call)

Raymond J. Matlosz, N9MLZ, Secretary
450 West 2nd Street • Reedsburg, WI 53959



Minutes of the May 14, 1997 YTARC mtg. (Submitted By Bill Hommel KA9QFJ, VP and surrogate scribe, as our esteemed Secretary is out of town on other biz)

The May 14, 1997 meeting of the Yellow Thunder Amateur Radio Club, Inc. was called to order at 8:30 p.m. by Steve Schulze, N9UDO.

The minutes of the last meeting were accepted as published in BSSS.

Treasurer's Report: Treasurer not present (we presume we're still solvent).

OLDBIZ:

-The 11th Annual Baraboo Circus Heritage Days will be held May 16-18. Discussion of our plans to demonstrate amateur radio were finalized. Thanks to N9PQJ, N9UDO, and N9KXX for volunteering to staff the event.

-We're Insured! I spoke to our insurance provider, and they indicated that our liability policy went into effect on 5-1-97. If we kill any bystanders at Field Day, we're covered. :)

-NEW BIZ-

-It is with deep regret that we must record this night, the passing of two of our members. Bob Baker, KB9LAZ, and past member Bob Warner, W9UQO. The Officers and members of YTARC extend our heartfelt condolences to their families and friends. They will indeed be missed.

-Fox Hunt Results

We held the first of two scheduled RDF exercises prior to tonight's meeting. The results are as follows:

Team N9UDO/KA9QFJ exacted revenge for their (our) dismal performance in the last hunt by finishing 1st with 3 of 3 foxes found in 76 minutes, and travelling 13.9 miles.

Team N9LKY finished second, with 2 of 3 foxes in 33 minutes, and 5.1 miles.

Team AA7CS/K9ZZ brought up the rear with 2 of 3 foxes found in 74 minutes, and 11 miles.

The lackluster performance of our two Extra Class hunters was attributed to the fact that they could not locate their attenuator prior to the event. It must have attenuated itself to the bottom

of one of Jim's junk piles. Hi! Better luck next time! :)

The meeting was adjourned with a motion from W9WSS; seconded by N9KXX.

This month's presentation was made by Pete Sweeney, WD9JIB. Pete announced that his efforts in establishing a working relationship between the Amateur Radio community and local county government have paid off. The Sauk County Department of Emergency Government has purchased and installed a 2 Meter amateur station at their HQ to be operated by Sauk County hams in times of communications emergency i.e. severe weather events and etc. Any licensed ham within reasonable distance is welcome to participate in this partnership. In light of this announcement, Pete proposed that the next regular club meeting be held at Sauk DEG rather than our usual digs at the Baraboo Civic Center. All present agreed (to say the least).

For further information, our web page access is: <http://www.thelorax.com/~ssschulze> or, call or e-mail me at 608-356-8571 or billh@baraboo.com.

Next meeting 7:30p.m., Thursday, June 12, 1997 at Sauk Co. DEG. 515 Broadway, Baraboo, WI. DEG is located on the lower level of the Sauk Co. Sheriff's Dept. Bldg. Please use the South entrance on 3rd Ave.

The following members and guests were present:

Steve Schulze N9UDO Baraboo
Bill Hommel KA9QFJ Baraboo
Anne Klinkner N9PQL Sauk City
Bill Klinkner N9KXX Sauk City
Patrick Klinkner
(Bill & Anne's First Harmonic) Sauk City
Jim Paul N9LKY Baraboo
Art Kleefisch W9WSS Baraboo
Thimas Harrison N9PQJ Reedsburg
Leonard Wagner N9XJG Baraboo
Dave Spearing KB9CSW Portage
Peter Sweeney WD9JIB Reedsburg
Al Johnson AA7CS Fort Atkinson
Jim Romelfanger K9ZZ Baraboo

SAUK COUNTY EOC AVAILABLE TO AMATEURS

Last Wednesday's meeting of the Yellow Thunder Amateur Radio Club (May 14) was a truly exciting one. Not only was there an exciting fox hunt, but good, much-awaited news was brought to the meeting. It was announced by Pete Sweeney (WD9JIB), the EG coordinator for the club, that Tim Stieve, the Sauk County Emergency Government Director, had made a spot for them on his team.

The members were told that Tim had made a place for them in the county EOC specifically for amateur use. Not only a place, but there was in place a Yaesu 8000 radio and a dual-band antenna, ready to go. The antenna is 90 feet up, so much coverage is expected for it.

Tim welcomed the participation of all Sauk

County amateurs, not only with the availability of equipment and EOC site, but invited them to have their meeting at the EOC in June (June 12) so they could all see his fine, new facility. He said the facility would be available for any Skywarn nets and situations that might come up this summer.

The members responded enthusiastically, and plan to install a packet station as soon as possible.

The amateurs of Sauk County welcome the opportunity to serve the community and look forward to working with Tim and his staff whenever and wherever needed.

Pete Sweeney, WD9JIB
ARES Emergency Coordinator, Sauk County

call could save you some grief and a wasted trip.

Valley Amateur Radio Club (VARC)
Contact: Paul Ramey, WG0G (612) 432-1640
Test Site: Hayes Community Center
14601 Hayes Road
Apple Valley, MN
Second Thursday of the month 7:00 p.m.

W5YI
Contact: Dave Ranney, N0AXL (612) 933-2182
Test Site: Eden Prairie Library
479 Eden Prairie Drive
Eden Prairie, MN
Third Tuesday of the month 6:30 p.m.

SE Metro Area Radio Club (SEMARC)
Contact: Dave Harrell, N0IPN (612) 459-8678
Test Site: Cottage Grove fire Station
8641 80th ST., S
Cottage Grove, MN
Third Saturday of the month, 9:00 a.m.

The above information has been furnished by the various VEs. However, it is suggested that you confirm time, date and location BEFORE you make the trip to the test site. Occasionally, a test may be canceled and/or dates and locations changed. A Phone

This section of Badger State Smoke Signals is available to publicize your Volunteer Examiner Amateur Radio license examination schedules. Please send us your schedules of dates, times, and locations that you will be conducting examinations and we will include the information here. Be sure to include contact address and any other necessary requirements. Information should be sent to K9EN at the address shown on page 2.



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SHOPPER'S GUIDE

SWAPFESTS



26th ANNUAL MIDWINTER SWAPFEST

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WAUKESHA, WISCONSIN
SUNDAY
JANUARY 11, 1998

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Amy L. Thibaut, N9TLN, Wisconsin Rapids

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P. O. Box 8890 Madison, WI 53708-8890
Swapfest Information Line: (608) 245-8890

SOUTH MILWAUKEE AMATEUR RADIO CLUB SWAPFEST 97

July 12, 1997

(Held every July)

American Legion Park

Shepard Avenue • Oak Creek, WI

(414) 762-3235

P. O. Box 102

Extension 58

South Milwaukee, WI 53172

Fox Cities Hamfest Sunday, November 2, 1997

Starlite Club, Hwy. 55 north of Kaukana

HAMFEST INFO:

Chad Pennings, N9PRC
318 E. Brewster St.
Appleton, WI 54911
(414) 759-0799

EXAM INFO:

Larry Siebers, KD9IA
(414) 759-1167

Lakeshore Hamfest and Computer Swapfest

Manitowoc County Expo

Intersection of Hwys. 42-151 and I-43 on Cty. Hwy. R
Saturday, May 10, 1997

For more information, call:

Glenn, AA9MT: 414-684-7096

Red, N9GHE: 414-684-9097

ManCoRad Radio Club • P.O. Box 204 • Manitowoc, WI 54221-0204

TRI-COUNTY ARC PRESENTS HAMFEST

YOUR SPRING FAVORITE!

Sunday, March 15, 1998

Jefferson County Fairgrounds

TCARC • 213 Frederick Street
Fort Atkinson, WI 53538

414-563-6381
Evenings

20th Annual CWRA Swapfest

Sunday, June 8, 1997

8 a.m. to 2 p.m.

JUNCTION CITY VILLAGE PARK

Info: John Feltz, WA9LWJ
973 E. First Street

(715) 457-2506
Junction City, WI 54443

Eau Claire Amateur Radio Club SWAPFEST

Saturday, July 12, 1997

Eau Claire County Fairgrounds

Intersection of Highways 93 and I-94

Carol Ceraso • (715) 723-9205 Liz Seasing • (715) 834-1303

P.O. Box 1867 • Eau Claire, WI 54702-1867

<http://www.edp.net/~mceraso/hamfest.html>

RACINE HAMFEST 97 Sunday, July 27, 1997

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Send to RMC, P.O. Box 3, Racine, WI 53401

Ozaukee Radio Club 19TH ANNUAL RADIO AND COMPUTER SWAPFEST Saturday, May 3, 1997

8 a.m. to 1 p.m. • Circle B Recreation Center
Intersection of Highway 60 and County I
Exams by Badger Examiners, c/o Gary Sharbuno,
5119 W. Willow Rd., Brown Deer, WI 53222
Swapfest sponsored by the Ozaukee Radio Club
W58 N985 Essex Drive, Cedarburg, WI 53012-1439

Adams County Amateur Radio Club SPRING HAMFEST Sunday, June 7, 1998 (NOTE DATE/YEAR CHANGE)

Adams County Fairgrounds

West of Hwy. 13 on Cty. J • Friendship, WI

Adams County Amateur Radio Club P. O. Box 232
Friendship, WI 53934 (608) 564-7887

Packet: N9TD-1 on 145.03

Red Cedar Repeater Association, Inc.

AUCTION

February 24, 1998 • 7:00 p.m.

American Legion Post 53 • 634 Water Street

Eau Claire, WI

CONTACT:

Steve Hart, KA9OMC
E616 810th Ave.

715-665-2374
Knapp, WI 54749

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